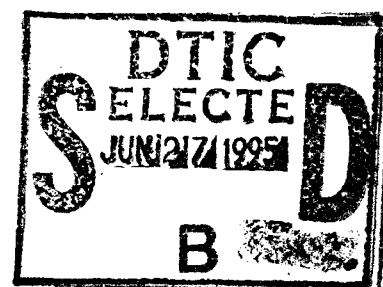




**RECEIVING THE LARGEST DOLLAR VOLUME  
OF PRIME CONTRACT AWARDS  
FOR RDT&E**

## Fiscal Year 1994



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**DIRECTORATE FOR INFORMATION  
OPERATIONS AND REPORTS (DIOR)**

WASHINGTON HEADQUARTERS SERVICES

**500 CONTRACTORS RECEIVING THE  
LARGEST DOLLAR VOLUME OF PRIME  
CONTRACT AWARDS FOR RESEARCH,  
DEVELOPMENT, TEST, AND EVALUATION**

**FISCAL YEAR 1994**

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## FOREWORD

*500 Contractors Receiving the Largest Dollar Volume of Prime Contract Awards for Research, Development, Test, and Evaluation (RDT&E)* is published annually. This report provides information on the 500 contractors that received the largest dollar volume in Department of Defense prime contract awards over \$25,000 for RDT&E. These data are presented in five tables showing:

1. An alphabetical listing of the top 500 companies;
2. The net value of awards to business firms operating in the United States;
3. The net value of awards to educational and other nonprofit institutions operating in the United States;
4. The net value of awards to foreign contractors; and
5. The net value of awards to U.S. Government Agencies.

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## INTRODUCTION

This report presents summary data on the 500 prime contractors receiving the largest dollar volume in Department of Defense (DoD) awards over \$25,000 for research, development, test, and evaluation (RDT&E) work during fiscal year (FY) 1994. RDT&E work can include research (basic and applied) and development (exploratory, advanced, engineering, operational systems, or management and support services). Full definitions for each of these categories are provided in Section 235.001 of the Defense Federal Acquisition Regulation Supplement.

These data rank each corporation according to its relative standing. The order of ranking is based on the net value of each contractor's RDT&E awards. Beginning in FY 1994, the contractors have been ranked by the parent company vs. subsidiaries or divisions of the company as in past issues of this publication. For example, figures for General Motors Corporation include awards to Hughes Aircraft Company and Hughes Missile Systems Company. Also, classification of a company as foreign is based on the parent company.

Table 1, page 7, lists the 500 contractors in alphabetical order, displays the order of ranking for each, and shows how each has been categorized for reporting purposes. The categories are business firm (B), foreign contractor (F), and nonprofit institution (N). Table 2, page 13, shows the net value of awards to U.S. business firms. Those firms which qualify as small businesses are further identified by an "S." The net value of awards to each of the firm's reported locations is also provided. Tables 3, 4, and 5, on pages 29, 33, and 35 respectively, provide the net value of awards to U.S. educational and other nonprofit institutions, foreign contractors, and U.S. Government Agencies. (While awards to U.S. Government Agencies are listed separately in Table 5, these agencies are categorized as nonprofit institutions in Table 1.) As in Table 1, contractors in Tables 2 through 5 are shown by order of ranking, with their total awards indicated by an asterisk (\*). The value of awards to each of the contractor's reported locations is also shown for these tables.

## NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only. Data on awards for other services, such as training, and on any supplies furnished by the contractors in support of research being done are excluded. The locations shown in the tables are the places where the work was to be performed. Normally, this is a facility of the concern awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown may be that of the Defense agency rather than the contractor.

***DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE FEDERAL PROCUREMENT DATA SYSTEM CONTRACTOR ESTABLISHMENT CODE AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.***

## HIGHLIGHTS

The following table shows the net value and percentage distribution of all RDT&E awards, RDT&E awards to the top 500 companies, and all other RDT&E awards for FY 1994.

### Department of Defense Prime Contract Awards Over \$25,000 Fiscal Year 1994

TYPE OF CONTRACTOR	RDT&E								
	TOTAL			TOP 500			ALL OTHER		
	No.	Awards (\$000)	% of Total \$	No.	Awards (\$000)	% of Total \$	No.	Awards	% of Total \$
RDT&E - Total	2,760	21,824,164	100	500	21,071,958	100	2,260	751,787	100
Business Firms	2,312	18,854,039	86	406	18,223,373	86	1,906	630,666	84
Small	1,650	4,682,697	21	212	4,183,915	20	1,438	498,782	66
Large	662	14,171,342	65	194	14,039,458	67	468	131,884	18
Educational & Nonprofit	294	2,389,056	11	73	2,299,212	11	221	89,844	12
Educational	211	1,200,574	6	38	1,131,650	5	173	68,924	9
Nonprofit	83	1,188,482	5	35	1,167,562	6	48	20,920	3
U.S. Government Agencies	24	20,085	*	2	14,511	*	22	5,574	1
Foreign	130	560,984	3	19	534,863	3	111	26,121	3

\*LESS THAN 0.5 PERCENT

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING.

Based on the percentage of total awards, the distribution of FY 1994 awards varies moderately from that in FY 1993. In FY 1994, the top 500 contractors included 406 U.S. business firms (212 of which were small businesses); 73 educational and nonprofit institutions; 2 U.S. Government Agencies; and 19 foreign contractors. In FY 1993, the top 500 consisted of 418 business firms (189 were small businesses); 66 educational and nonprofit institutions; 3 U.S. Government Agencies; and 13 foreign contractors.

The top 500 RDT&E contractors received awards totaling \$21.1 billion in FY 1994, compared to \$21.3 billion in FY 1993, a decrease of \$240 million, or 1.13 percent. The \$21.1 billion represents 96.8 percent of the \$21.8 billion total prime contract awards over \$25,000 for RDT&E work in FY 1994.

In addition to the top 500 contractors, there were 2,260 other contractors for which RDT&E procurement actions over \$25,000 were reported, for a total of 2,760 contractors in FY 1994. In FY 1993, the total number of contractors was 2,951. The primary reason for the decrease in the number of contractors is the methodology used in FY 1994 to aggregate contractors to the parent company.

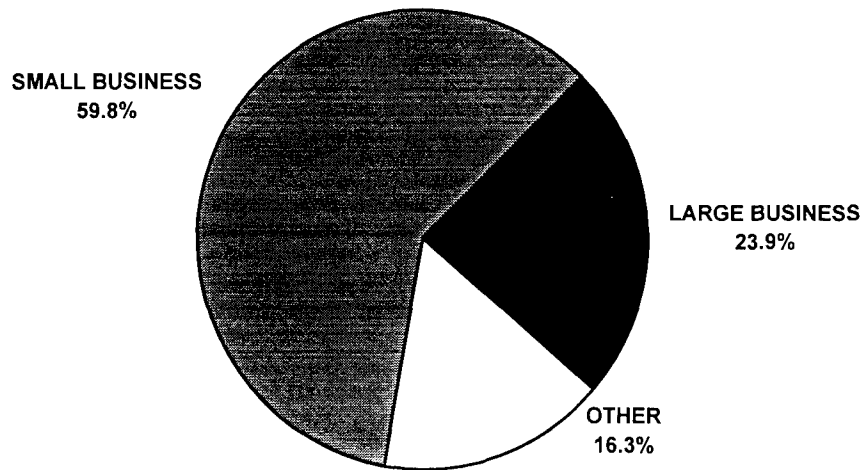
Of the 32 contractors with RDT&E awards of \$100 million or more in FY 1994, 28 were business firms (1 of which was foreign) and 4 were educational and other nonprofit institutions. These 32 contractors had a total of \$15.5 billion in RDT&E awards. In FY 1993, there were 43 contractors who reached the \$100 million plateau, with awards totaling \$15.1 billion. Of these 43 contractors, 40 were business firms and 3 were educational and other nonprofit institutions. The amount of awards for this \$100 million group increased by \$413 million or 2.7 percent between FY 1993 and 1994.

The charts on page 4 display a breakout of types of contractors as a percentage of the total contractors receiving RDT&E awards; and then as a percentage of the top 500 contractors. The first chart shows that within the category of all RDT&E awards, small business represents the largest share (59.8%); followed by large business (23.9%), and other (16.3%). The second chart reflects that within the category of only the top 500 RDT&E contractors, small business has the greatest share (42.4%); followed by large business (38.8%), and other (18.8%).

Both charts on page 4 show the number of firms with their associated percentages, not the percentage of dollars.

## TOTAL CONTRACTORS RECEIVING RDT&E AWARDS

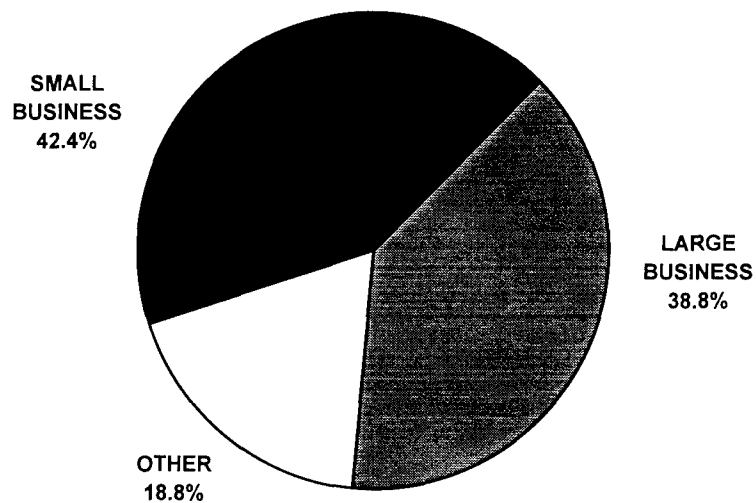
Fiscal Year 1994



TOTAL NUMBER OF FIRMS = 2,760

## TOP 500 CONTRACTORS - RDT&E

Fiscal Year 1994

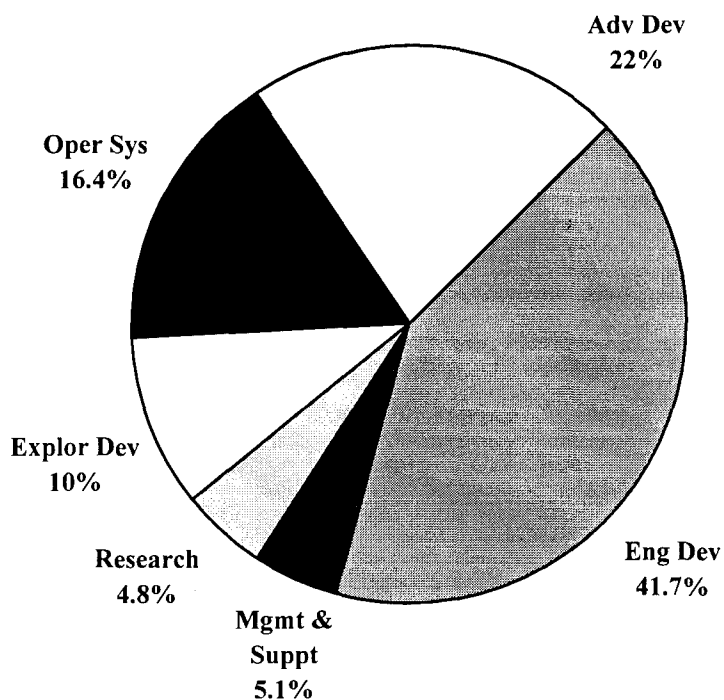




The following table shows the type of RDT&E work the contractors were engaged in and the net value and percentage distribution of all awards for each of these types in FY 1994. Engineering development accounted for the majority (41.7 percent) of RDT&E awards, followed by advanced development (22.0 percent).

TYPE	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$21,824,164	100.0
Engineering Development	9,099,007	41.7
Advanced Development	4,792,610	22.0
Operational Systems	3,576,444	16.4
Exploratory Development	2,180,876	10.0
Research	1,052,262	4.8
Management and Support	1,122,966	5.1

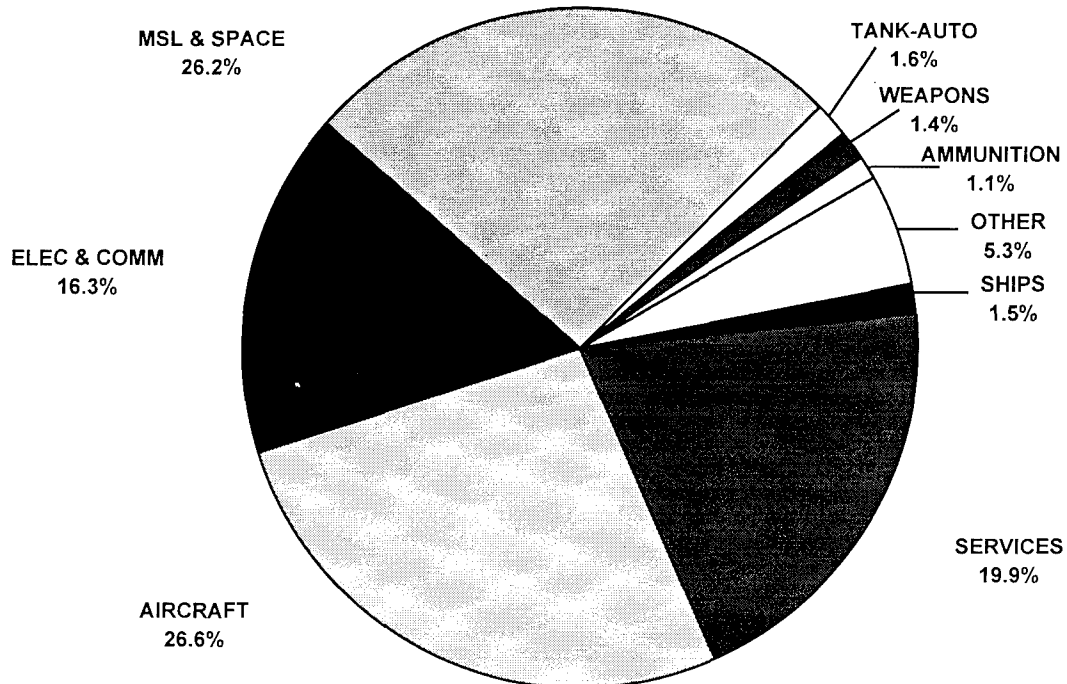
**DOLLAR AWARDS BY TYPE OF RDT&E WORK**  
Fiscal Year 1994



The last table shows the net value and percentage distribution of all RDT&E awards by type of program. Within the RDT&E contracts, the largest volume of awards was for the research, development, test, or evaluation of missile & space systems and aircraft. In FY 1994, a combined total of \$11,536 million or 52.8 percent of all RDT&E awards over \$25,000 was for work connected with these programs.

PROGRAM	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$21,824,164	100.0
Missile & Space Systems	5,727,343	26.2
Electronics & Communication Equipment	3,567,170	16.3
Aircraft	5,808,671	26.6
Services	4,343,235	19.9
Ships	329,748	1.5
Ammunition	240,641	1.1
Weapons	305,632	1.4
Tank-Automotive	342,495	1.6
All Other	1,159,229	5.3

**DOLLAR AWARDS BY TYPE OF PROGRAM**  
Fiscal Year 1994



**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1994**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
390	B	A-TECH CORPORATION	366	B	B D SYSTEMS INC
435	B	AC, INC	89	B	BALL CORPORATION
466	B	ACCURATE AUTOMATION CORP	51	N	BATTELLE MEMORIAL INSTITUTE
64	B	ADVANCE RATIO DESIGN CO, INC	150	B	BECHTEL GROUP INC
131	B	ADVANCE, INCORPORATED	438	F	BELGACOM
305	B	ADVANCED ACOUSTIC CONCEPTS,	287	B	BELL ATLANTIC CORPORATION
349	B	ADVANCED PROCESSING LABS	471	B	BELL COMMUNICATIONS RESEARCH
478	B	ADVANCED RES & APPLICATIONS	280	B	BERKELEY RESEARCH ASSOCIATES
200	B	ADVANCED RESOURCE TECHNOLOGIES	362	B	BETA ANALYTICS INC
495	B	ADVANCED SYSTEMS TECHNOLOGY	391	B	BETAC INTERNATIONAL CORP
326	B	ADVANCED TECHNOLOGY & RESEARCH	444	B	BIONETICS CORPORATION
345	B	ADVANCED TECHNOLOGY MATERIALS	71	B	BLACK & DECKER CORPORATION
258	B	AEPKO INC	29	B	BOEING COMPANY THE
188	B	AEROMET, INC	15	B	BOEING SKORSKY LHX PROGRAM OFF
34	N	AEROSPACE CORPORATION	61	B	BOLT BERANEK AND NEWMAN INC
369	B	AHNTech, INC	67	B	BOOZ ALLEN & HAMILTON INC
49	B	ALLIANT TECHSYSTEMS INC	365	N	BOSTON COLLEGE, TRUSTEES OF
50	B	ALLIEDSIGNAL INC	347	N	BOSTON UNIVERSITY TRUSTEES
289	B	ALPHATECH INC	295	B	BRTRC, INC
187	B	AMCOMP CORPORATION	342	B	BRUKER INSTRUMENTS INC
210	N	AMERICAN INST BIOLOGICAL SCIENCE	182	B	BTG INC
323	B	AMHERST SYSTEMS, INC	213	B	CACI INTERNATIONAL INC
300	B	AMOCO CORPORATION	24	F	CAE INC
496	B	AMR CORPORATION	433	B	CAMBER CORPORATION
109	B	AMTEC CORPORATION	127	F	CANADIAN COMMERCIAL CORPORATI
93	B	ANALYSIS & TECHNOLOGY INC	492	B	CAPE COD RESEARCH, INC
74	N	ANALYTIC SERVICES INC	56	B	CAPVLYE PARTNERS LEVERAGED CAP
189	B	ANALYTICAL SYSTEMS ENGRG CORP	63	N	CARNEGIE MELLON UNIVERSITY
266	B	APPLIED MATERIALS INC	76	B	CAS INC
292	B	APPLIED MEASUREMENT SYSTEMS	123	B	CDA HOLDING INC
57	B	APPLIED RESEARCH ASSOC INC	459	B	CERIDIAN CORPORATION
221	B	APPLIED RESEARCH INC	441	B	CHARLES RIVER ANALYTICS INC
376	B	APPLIED TECH ASSOC INC DEL	117	B	CHRYSLER CORPORATION
436	B	APTEK INC	399	B	CIMPLEX TECHNOLOGY CORP
245	B	ARES CORPORATION	45	B	COLEMAN RESEARCH CORPORATION
279	B	ARETE' ASSOCIATES	98	B	COLSA CORPORATION
129	B	ARINC INCORPORATED	171	B	COMPREHENSIVE TECH INTL
267	B	ARIST CORPORATION INC	498	B	COMPTON RESEARCH, INC
334	N	ARIZONA BOARD OF REGENTS	393	B	COMPUTATIONAL PHYSICS INC
35	B	ARVIN INDUSTRIES INC	163	B	COMPUTER SCIENCE APPLICATIONS
217	B	ASI SYSTEMS INTERNATIONAL	37	B	COMPUTER SCIENCES CORPORATION
83	B	ASSURANCE TECHNOLOGY CORP	167	B	COMPUTING DISTRIBUTORS INTL
38	B	ASTRONAUTICS CORP OF AMERICA	70	B	CONCURRENT COMPUTER CORP
41	B	AT&T CORP	337	B	CONDOR SYSTEMS INC
344	B	ATLANTIC AEROSPACE ELECTRONICS	254	B	CONSTELLATION TECHNOLOGY CORP
420	B	ATMOSPHERIC AND ENVIRONM RES INC	479	B	COOPERS & LYBRAND LLP
225	B	AUTOMATED SCIENCES GROUP INC	339	N	CORNELL UNIVERSITY
274	B	AUTOMATION GROUP INC	407	B	CRANE CO
331	B	AUTOMATION RES SYSTEMS LTD	297	B	CREARE INCORPORATED
481	B	AVARE INC	412	B	CSA ENGINEERING INC

\* B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1994**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
53	B	CIA INCORPORATED	199	B	FIGGIE INTERNATIONAL INC
333	B	CIA LAUNCH SERVICES	30	B	FMC CORPORATION
122	B	CUBIC CORPORATION	259	B	FMS CORPORATION
282	F	DAIMLER-BENZ AG	133	B	FOSTER-MILLER INC
114	B	DBA SYSTEMS INC	14	B	FOUNDATION HEALTH CORPORATION
303	B	DCS CORPORATION	499	B	FRIED, D L ASSOCIATES INC
311	B	DDL OMNI ENGINEERING CORP	164	B	FRONTIER ENGINEERING, INC
209	B	DECISION-SCIENCE APPLICATIONS	291	B	FRONTIER TECHNOLOGY INC
384	B	DEFENSE TECHNOLOGY INC	169	F	FUGRO-MCCLELLAND NV
262	B	DELFIN SYSTEMS	454	B	GALAXY SCIENTIFIC CORP
367	B	DELTA RESEARCH INC	190	B	GDE SYSTEMS, INC
270	B	DESIGNER SOFTWARE SERVICE	18	B	GENCORP INC
124	F	DEUTSCHE BUNDESPOST TELECOM	82	B	GENERAL ATOMICS TECH CORP
105	B	DIGITAL SYSTEM RESOURCES INC	23	B	GENERAL DYNAMICS CORPORATION
288	B	DIGITAL SYSTEMS RESEARCH INC	36	F	GENERAL ELECTRIC CO PLC THE
319	B	DIGITAL WIZARDS INC	7	B	GENERAL ELECTRIC COMPANY
377	B	DIMENSIONS INTERNATIONAL, INC	11	B	GENERAL MOTORS CORPORATION
28	N	DRAPER CHARLES STARK LAB INC	401	B	GENERAL TECHNICAL SERVICES
241	B	DUAL INCORPORATED	165	B	GENTEX CORPORATION
235	B	DUCHOSSOIS INDUSTRIES INC	96	B	GEO-CENTERS INC
234	B	DYNAMICS RESEARCH CORPORATION	447	N	GEORGE MASON UNIVERSITY
159	B	DYNACORP	475	N	GEORGIA INSTITUTE TECHNOLOGY
155	B	DYNETICS INC	85	N	GEORGIA TECH RESEARCH CORP
346	B	E I C LABORATORIES, INC	202	B	GILBERT ASSOCIATES INC
154	B	E-01R MEASUREMENTS INC	483	B	GLOBAL UNIVERSAL SYSTEMS INC
32	B	E-SYSTEMS INC	220	B	GLS ASSOCIATES, INC
276	B	EAI CORPORATION	149	B	GRC INTERNATIONAL INC
321	B	EARTH TECHNOLOGY CORP USA	54	B	GTE CORPORATION
142	B	EATON CORPORATION	413	B	GUILD ASSOCIATES INC
119	B	EER SYSTEMS CORPORATION	314	B	HALLIBURTON COMPANY
135	B	EGAG INC	161	B	HARBERT CORPORATION
341	B	ELDYNE, INC	186	B	HARNISCHFEGGER INDUSTRIES INC
462	B	ELECTRONETICS CORPORATION	43	B	HARRIS CORPORATION
231	B	ELECTRONIC WARFARE ASSOCIATES	358	B	HARRIS-MAGNAVOX SYSTEMS CO
137	B	ENGINEERING CMPT OPTONOMICS	132	B	HARSCO CORPORATION
203	B	ENSCO INC	104	B	HERCULES INCORPORATED
284	B	ENSIRON HELICOPTER CORPORATION	249	B	HILTON SYSTEMS INC
183	N	ENVIRONMENTAL RES INST OF MICH	453	B	HMC SOFTWARE, INC
359	B	ENVIRONMENTAL TECH GROUP	59	B	HONEYWELL INC
350	B	EPCCH ENGINEERING INC	125	B	HORIZONS TECHNOLOGY INC
102	B	ESCO ELECTRONICS CORPORATION	268	B	HOUSTON ASSOCIATES, INC
493	B	ESSCUBE ENGINEERING INC	318	B	HUGHES ASSOCIATES, INC
230	B	ESSEX INDUSTRIES INC	398	N	HUMAN RESCES RES ORGANIZATION
404	B	ESTERLINE TECHNOLOGIES CORP	66	N	I I T RESEARCH INSTITUTE
248	B	EIA TECHNOLOGIES CORPORATION	73	B	IMO INDUSTRIES INC
246	B	ETEC SYSTEMS, INC	500	B	INFOTEC DEVELOPMENT INC
348	B	F & M MANUFACTURING, INC	446	B	INGERSOLL-DRESSER PUMP COMPANY
396	B	FED CORPORATION	55	N	INSTITUTE FOR DEF ANALYSES
410	B	FIBER MATERIALS INC	389	B	INTEGRATED SYSTEMS INC
271	B	FIBERTEK INC	118	B	INTER-NATIONAL RESEARCH INST

\* B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1994**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
418	B	INTERACTIVE TELEVISION CO	2	B	MARTIN MARIETTA CORPORATION
269	B	INTERGRAPH CORPORATION	312	B	MASPAR COMPUTER CORPORATION
382	B	INTERMAGNETICS GENERAL CORP	16	N	MASSACHUSETTS INST OF TECH
139	B	INTERMETRICS INC	329	N	MASSACHUSETTS UNIVERSITY OF
464	B	INTERNATIONAL AMERICAN PDTS	172	F	MATRA
26	B	INTERNATIONAL BUS MCHS CORP	335	F	MATRA MHS
476	B	INTERNATIONAL SCIENTIFIC PDTS	143	N	MAXWELL LABORATORIES INC
461	B	IRVINE SENSORS CORPORATION	191	N	MAYO FOUNDATION
39	F	ISRAEL AIRCRAFT INDUSTRIES LTD	92	B	MC DERMOTT INTERNATIONAL INC
327	B	ISX CORPORATION	3	B	MCDONNELL DOUGLAS CORPORATION
134	B	ITT CORPORATION	294	N	MCNC
325	N	JACKSON HENRY M FOUNDATION	252	B	MDT ADVISERS INC
473	B	JAMIESON SCIENCE & ENGINEERING	301	B	MEI TECHNOLOGY CORPORATION
91	B	JAYCOR	52	B	MESC HOLDINGS INC
313	B	JMAR INDUSTRIES INC	226	B	METRO MACHINE CORP
9	N	JOHNS HOPKINS UNIVERSITY	343	B	METROLASER
40	B	JOHNSON CONTROLS INC	361	B	METRON INC
174	F	JOHNSON MATTHEY PLC	222	B	MEVATEC CORPORATION
247	B	K J INTERNATIONAL INC	364	N	MICHIGAN BIOTECHNOLOGY INST
58	B	KAMAN CORPORATION	448	N	MICHIGAN TECHNOLOGICAL UNIV
360	B	KDI CORPORATION	302	N	MICHIGAN, STATE OF
474	N	KESTREL INSTITUTE	403	B	MICRION CORPORATION
490	B	KEYSTONE COMPUTER ASSOCIATES	126	B	MICROELECTRONICS CMPT TECH CORP
408	B	KNOWLEDGE BASED SYSTEMS INC	379	B	MICROMODULE SYSTEMS
244	B	KOPIN CORPORATION	242	B	MICRON TECHNOLOGY INC
353	B	KPMG PEAT MARWICK LLP	101	B	MIDSCO, INC
263	B	KRUG INTERNATIONAL CORPORATION	310	B	MIKROS SYSTEMS CORPORATION
430	B	L N K CORPORATION	211	F	MINISTRY OF DEFENSE
452	B	LABORATORY EQUIPMENT CORP	107	B	MINNESOTA MINING & MFG CO
480	B	LASER POWER CORPORATION	78	B	MISSION RESEARCH CORPORATION
62	B	LIGHT HELICOPTER TURBINE ENG CO	460	B	MITECH, INCORPORATED
251	B	LINDSEY WILLIAM C INC	10	N	MITRE CORPORATION
77	B	LITTON INDUSTRIES INC	145	B	MODERN TECHNOLOGIES CORP
1	B	LOCKHEED CORPORATION	265	B	MOLECULAR DEVICES CORPORATION
47	B	LOGICON INC	87	B	MOTOROLA INC
388	B	LOGISTICS MANAGEMENT ENGRG	233	B	MRS TECHNOLOGY INC
75	N	LOGISTICS MANAGEMENT INST	465	B	MSNW INC
385	B	LOGISTICS TECHNIQUES, INC	371	B	MIS SYSTEMS CORPORATION
13	B	LORAL CORPORATION	422	B	MYSTEC ASSOCIATES INC
250	B	LOS ALAMOS TECHNICAL ASSOC	219	B	N K F ENGINEERING INC
22	B	LTV AEROSPACE AND DEFENSE CO	275	B	NATION INC
81	B	LTV CORPORATION	175	N	NATIONAL ACADEMY SCIENCES USA
228	B	LUFKIN INDUSTRIES INC	69	B	NATIONAL AEROSPACE PLANE
439	B	M D I T INC	429	B	NATIONAL SEMICONDUCTOR CORP
328	B	M I L SYSTEMS, INC	489	B	NATIVE AMERICAN CONSULTANTS
168	B	MAC AULAY-BROWN INC	340	B	NAVSTAR APPLIED SCIENCES CORP
307	B	MAC GREGOR-NAVIRE USA INC	299	B	NCHIP, INC
173	B	MADEN TECH CONSULTING INC	423	N	NEW MEXICO INST OF MIN & TECH
286	B	MANAGEMENT ASSISTANT CORP AMER	160	N	NEW MEXICO STATE OF
201	B	MANTECH INTERNATIONAL CORP	402	N	NEW YORK UNIVERSITY

\* B = Business Firm  
 F = Foreign Contractor  
 N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1994**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
33	B	NICHOLS RESEARCH CORPORATION	378	B	RESEARCH MANAGEMENT CONS
158	B	NICHOLSON & ASSOCIATES INC	374	N	RESEARCH TRIANGLE INSTITUTE
4	B	NORTHROP GRUMMAN CORPORATION	411	N	RIVERSIDE RESEARCH INSTITUTE
434	B	NORTHWEST RESEARCH ASSOCIATES	17	B	ROCKWELL INTERNATIONAL CORP
467	N	NORTHWESTERN UNIVERSITY	431	F	ROYAL NORWEGIAN COUNCIL SCI
232	B	O'DAY, LANE & GIGLIOTTI	138	B	S F A INC
195	F	OERLIKON-BUEHRLE HOLDING AG	170	B	S P F INC
57	B	OGDEN CORPORATION	306	B	S SYSTEMS CORPORATION
406	N	OKLAHOMA STATE UNIVERSITY	432	B	S.T. RESEARCH CORPORATION
27	B	OLIN CORPORATION	151	F	SAINT GOBAIN (COMPAGNIE DE)
229	N	OPEN SOFTWARE FOUNDATION INC	184	N	SALK INST FOR BLGICAL STUDIES
405	B	OPTIMETRICS INC	458	N	SAN DEGO STATE UNIV FUNDATION
394	B	OPTIVISION INC	110	B	SARCOS INC
90	B	ORBITAL SCIENCES CORPORATION	497	B	SBP TECHNOLOGIES INC
179	B	ORINCON CORPORATION	130	B	SCIENCE AND APPLIED TECHNOLOGY
185	B	ORION INTERNATIONAL TECH	193	B	SCIENCE AND TECHNOLOGY CORP
421	B	ORION SCIENTIFIC SYSTEMS, INC	19	B	SCIENCE APPLICATIONS INTL CORP
356	B	PACER SYSTEMS INC	363	B	SCIENCE RESEARCH LABORATORY
152	B	PACIFIC SIERRA RESEARCH CORP	308	B	SDL, INC
194	B	PAR TECHNOLOGY CORPORATION	484	B	SEAWARD SERVICES INC
260	B	PARSONS CORPORATION	166	B	SEACOR INC
293	B	PDI CORP	445	B	SENSCI CORP
44	N	PENNSYLVANIA STATE UNIV INC	386	B	SENSIS CORPORATION
320	B	PHOTO PRO FRAME CO	395	B	SENTEL CORPORATION
457	B	PHOTON DYNAMICS, INC	120	B	SEQUA CORPORATION
253	B	PHOTON RESEARCH ASSOCIATES INC	368	B	SIMULA, INC
290	B	PHYSICAL OPTICS CORPORATION	113	F	SMITHS INDUSTRIES PLC
192	B	PHYSICAL SCIENCES INC	208	B	SOFTTECH INC
355	B	PHYSITRON, INC	450	B	SOFTWARE PRODUCTIVITY SOLUTIONS
238	B	PLANNING CONSULTANTS INC	218	B	SOFTWARE TECHNOLOGY INC
147	B	PLANNING SYSTEMS INCORPORATED	162	B	SOMALYSTS INC
278	F	PORTON INTERNATIONAL PLC	470	B	SORBENT TECHNOLOGIES CORP
428	B	POWER SPECTRA, INC	79	N	SOUTH CAROLINA RESEARCH AUTH
381	B	PRAKIS INC	316	N	SOUTHEASTER CNTR-FG ELT
60	B	PRIMARK CORPORATION	315	N	SOUTHERN RESEARCH INSTITUTE
416	N	PRINCETON UNIVERSITY	136	N	SOUTHWEST RESEARCH INSTITUTE
469	B	QUALITY RESEARCH INC	141	B	SPACE APPLICATIONS CORPORATION
322	B	QUEST INTEGRATED INC	103	B	SPACE DATA CORPORATION
100	B	QUESTTECH, INC	88	B	SPARTA INC
443	B	QUINTRON CORPORATION	227	B	SPARTON CORPORATION
304	B	R J O ENTERPRISES INC	351	B	SPD TECHNOLOGIES INC
94	F	RACAL ELECTRONICS PLC	449	B	SPEARS ASSOCIATES INC
442	B	RADEX INC	277	B	SPIRE CORPORATION
463	B	RADIANT TECHNOLOGIES, INC	285	B	SPRINT COMMUNICATIONS CO LP
424	B	RADIX TECHNOLOGIES INC	198	B	SRA INTERNATIONAL INC
223	B	RAIL COMPANY	65	N	SRI INTERNATIONAL
80	N	RAND CORPORATION	215	B	SRS TECHNOLOGIES
6	B	RAYTHEON COMPANY	273	N	STANFORD LELAND JUNIOR UNIV
419	B	RENCO GROUP, THE INC	204	B	STERLING SOFTWARE INC
178	B	RESEARCH & DEVELOPMENT LABS	373	N	STEVENS INSTITUTE OF TECH

\* B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1994**

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
309	B	STEWART & STEVENSON SVCS INC	468	N	UNITED STATES DEPT ENERGY
354	B	STRATEGIC ANALYSIS INC	12	B	UNITED TECHNOLOGIES CORP
415	B	STV GROUP INC	324	B	UNIVERSAL TECHNOLOGY CORP
437	B	SUMMA TECHNOLOGY, INC	224	N	UNIVERSITY OF ALABAMA
370	B	SUNSTRAND CORPORATION	148	N	UNIVERSITY OF CALIFORNIA
214	B	SUPERCONDUCTOR TECHNOLOGIES	196	N	UNIVERSITY OF CENTRAL FLORIDA
451	B	SUPPORT CONTRACTING SYSTEMS	487	N	UNIVERSITY OF COLORADO
46	B	SVERDRUP CORPORATION	84	N	UNIVERSITY OF DAYTON INC
177	B	SYNECTICS CORP	380	N	UNIVERSITY OF FLORIDA
205	B	SYNETICS CORPORATION	207	N	UNIVERSITY OF ILLINOIS
264	N	SYRACUSE RESEARCH CORP	212	N	UNIVERSITY OF MARYLAND SYSTEM
414	N	SYRACUSE UNIVERSITY	261	N	UNIVERSITY OF MICHIGAN
144	B	SYSTEM PLANNING CORPORATION	68	N	UNIVERSITY OF PITTSBURGH TR
256	B	SYSTEM RESOURCES CORPORATION	106	N	UNIVERSITY OF SOUTHERN CAL
180	B	SYSTEMS & ELECTRONICS, INC	86	N	UNIVERSITY OF TEXAS
482	B	SYSTEMS & PROCESSES ENGRG CORP	176	N	UNIVERSITY OF TEXAS AT AUSTIN
400	B	SYSTEMS ANALYSIS & INTEGRATION	112	N	UNIVERSITY OF TEXAS SYSTEM
332	B	SYSTEMS PLANNING AND ANALYSIS	477	N	UNIVERSITY OF VIRGINIA
283	B	SYSTRAN CORPORATION	387	N	UNIVERSITY RESEARCH FOUNDATION
21	B	T I/MARTIN JAVELIN JOINT VENTR	409	B	USER TECHNOLOGY ASSOCIATES
417	B	TACAN CORPORATION	108	N	UTAH STATE UNIVERSITY
491	B	TANNER RESEARCH INC	440	B	UTD INC
111	B	TEC-MASTERS INC	472	B	VAIL RESEARCH TECHNOLOGY CORP
375	B	TECHNICAL & MGT SVCS CORP	31	B	VANADIUM ENTERPRISES CORP
456	B	TECHNICAL MICRONICS CONTROL	181	B	VANGUARD RESEARCH, INC
427	B	TECHNOLOGY ASSESSMENT & TRANSF	494	B	VARIAN ASSOCIATES INC
485	B	TECHNOVATIVE APPLICATIONS	272	B	VECTOR RESEARCH COMPANY INC
153	B	TECOLOTE RESEARCH INC	116	B	VEDA INTERNATIONAL INC
352	B	TEKTRONIX INC	338	B	VENTURE PLASTICS, INC
42	B	TELEDYNE INC	257	B	VIASAT, INC
426	B	TELEPHONE SYSTEMS INC	216	B	VISICOM LABORATORIES, INC
156	B	TENNECO INC	372	B	VISIDYNE INC
235	B	TERA COMPUTER COMPANY	357	B	VISTA TECHNOLOGY INCORPORATED
397	B	TEIRA CORPORATION	240	B	VITRONICS INC
20	B	TEXAS INSTRUMENTS INCORPORATED	296	B	VSE CORPORATION
5	B	TEXTRON INC	317	B	WAGNER DANIEL H ASSOCIATES INC
140	B	THERMO ELECTRON CORPORATION	455	F	WALES LTD
115	B	THIokol CORPORATION	157	N	WASHINGTON UNIVERSITY OF
95	B	TITAN CORPORATION	383	B	WEIDLINGER ASSOCIATES INC
336	B	TOYON RESEARCH CORP	330	B	WESTERN INSTRUMENT CORPORATION
48	B	TRACOR INC	25	B	WESTINGHOUSE ELECTRIC CORP
243	B	TRUSTED INFORMATION SYSTEMS,	281	B	WESTON ROY F INC
8	B	TRU INC	239	B	WHITTAKER CORPORATION
425	B	TYBRIN CORPORATION	197	B	WILLIAMS INTERNATIONAL CORP
206	B	UES INC	486	B	WINTEC INC
72	B	UNISYS CORPORATION	298	N	WOODS HOLE OCEANOGRAPHIC INSTN
99	B	UNITED DEFENSE LP	488	N	WORCESTER POLYTECHNIC INST
128	B	UNITED INDUSTRIAL CORPORATION	121	B	XEROX CORPORATION
392	B	UNITED INTERNATIONAL ENGRG	255	B	XONTECH INC
146	N	UNITED STATES DEPT COMMERCE	237	B	YORK INTERNATIONAL CORPORATION

\* B = Business Firm

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Business Firms: FY 1994**

Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
1	LOCKHEED CORPORATION		S 2,643,730 *	4	NORTHROP GRUMMAN CORPORATION		935,138 *
	Huntsville	Alabama	3,500		Hawthorne	California	98,150
	Burbank	California	10,230		Pico Rivera	California	16,051
	Ontario	California	239		San Diego	California	150
	Palmdale	California	53,841		Melbourne	Florida	642,749
	Palo Alto	California	11,308		Rolling Meadows	Illinois	13,129
	San Diego	California	64		Norwood	Massachusetts	74
	Sunnyvale	California	716,249		Bethpage	New York	155,473
	Denver	Colorado	80		Calverton	New York	300
	Marietta	Georgia	1,728,603		Woodbury	New York	130
	Mercury	Nevada	350		Springfield	Virginia	8,931
	Hudson	New Hampshire	168	5	TEXTRON INC		730,451 *
	Manchester	New Hampshire	1,455		Pacoima	California	71
	Merrimack	New Hampshire	150		Stratford	Connecticut	2,846
	Nashua	New Hampshire	57,175		Stratford AEP	Connecticut	260-
	Albuquerque	New Mexico	674		New Orleans	Louisiana	1,849
	White Sands MSL RGE	New Mexico	4,496		Everett	Massachusetts	7,264
	Austin	Texas	24,354		Lowell	Massachusetts	3,850
	Fort Worth	Texas	27,575		Wilmington	Massachusetts	42,498
	Turnersville	Texas	150		Warren	Michigan	551
	Dugway Proving Grd	Utah	2,984		Wheatfield	New York	1,442
		CANADA	83		Cincinnati	Ohio	205
2	MARTIN MARIETTA CORPORATION		1,820,572 *		Fort Worth	Texas	670,135
	Mesa	Arizona	2,593	6	RAYTHEON COMPANY		534,180 *
	Williams AFB	Arizona	1,710		Goleta	California	1,248
	Palo Alto	California	69-		San Diego	California	585
	Rancho Bernardo	California	1,083		Wichita	Kansas	151
	Colorado Springs	Colorado	29,155		Andover	Massachusetts	3,305
	Denver	Colorado	1,256,476		Bedford	Massachusetts	66,437
	Falcon	Colorado	72,591		Boston	Massachusetts	50
	Littleton	Colorado	179,221		Burlington	Massachusetts	31
	New London Naval Und	Connecticut	250		Hanscom AFB	Massachusetts	3,952
	Daytona Beach	Florida	401		Lexington	Massachusetts	2,058
	Eglin AFB	Florida	661		Marlborough	Massachusetts	147,882
	Orlando	Florida	68,328		Sudbury	Massachusetts	1,599
	Baltimore	Maryland	2,539		Tewksbury	Massachusetts	31,571
	Calverton	Maryland	250		Wayland	Massachusetts	220,651
	Gaithersburg	Maryland	554		West Andover	Massachusetts	3,469
	Glen Burnie	Maryland	4,760		Albuquerque	New Mexico	3,025
	Pittsfield	Massachusetts	9,000		Portsmouth	Rhode Island	18,208
	Camden	New Jersey	354		Yona	Marshall I	29,958
	Cherry Hill	New Jersey	1,555	7	GENERAL ELECTRIC COMPANY		525,348 *
	Moorestown	New Jersey	14,995		Dublin	California	86
	Princeton	New Jersey	117,628		Fitchburg	Massachusetts	2,500-
	Binghamton	New York	61		Lynn	Massachusetts	224,139
	Syracuse	New York	7,442		Pittsfield	Massachusetts	43,712
	Utica	New York	250		St. Louis	Missouri	259-
	King of Prussia	Pennsylvania	650		Camden	New Jersey	189-
	Philadelphia	Pennsylvania	13,157		Moorestown	New Jersey	31,939
	Pittsburgh	Pennsylvania	100		Schenectady	New York	32,075
	Warminster	Pennsylvania	90		Syracuse	New York	3,939
	Naval USC	Rhode Island	170		Utica	New York	99
	Burlington	Vermont	12,115		Cincinnati	Ohio	155,593
	Arlington	Virginia	20,001		Evendale	Ohio	969
	Reston	Virginia	2,500		King of Prussia	Pennsylvania	2,568
3	MCDONNELL DOUGLAS CORPORATION		1,736,324 *		Philadelphia	Pennsylvania	32,575
	Mesa	Arizona	99,034		York	Pennsylvania	717
	Del Mar	California	2,000		Yona	Marshall I	115-
	Huntington Beach	California	150,699	8	TRU INC		468,606 *
	Huntington Park	California	249		Huntsville	Alabama	187
	Long Beach	California	158,633		Carson	California	17,748
	Santa Ana	California	4,404		Norton AFB	California	42,718
	Vandenberg AFB	California	1,675		Redondo Beach	California	345,109
	Titusville	Florida	5,037		San Bernardino	California	16,578
	Wichita	Kansas	114		San Diego	California	3,370
	Hazelwood	Missouri	68		Sunnyvale	California	30,989
	St. Louis	Missouri	1,314,143		New London	Connecticut	34-
	San Antonio	Texas	268		New London Naval Und	Connecticut	141
					Bellevue	Nebraska	3,738
					Princeton	New Jersey	846
					Beavercreek	Ohio	592

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business



**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Business Firms: FY 1994**

Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
	TRU INC (Cont)				LORAL CORPORATION (Cont)		
	Arlington	Virginia	700		Dwego	New York	68,485
	Fairfax	Virginia	2,467		Syosset	New York	18,357
	McLean	Virginia	3,283		Yonkers	New York	1,862
		GERMANY	173		Akron	Ohio	6,534
11	GENERAL MOTORS CORPORATION		395,191 *		Archbald	Pennsylvania	84
	Huntsville	Alabama	25,263		Naval USC	Rhode Island	41
	Luke AFB	Arizona	1,631		Dallas	Texas	315
	Tucson	Arizona	66,825		Grand Prairie	Texas	44,884
	Buena Park	California	100		Manassas	Virginia	22,606
	Canoga Park	California	45,442		Reston	Virginia	83
	Carlsbad	California	4,968	14	FOUNDATION HEALTH CORPORATION		350,422 *
	Edwards AFB	California	3,632		Sacramento	California	350,422
	El Segundo	California	28,211	15	BCEING SKORSKY LHX PROGRAM OFF		327,548 *
	Fullerton	California	27,084		Trumbull	Connecticut	401
	Goleta	California	18,946		Philadelphia	Pennsylvania	304,599
	Irvine	California	561		Clarksville	Tennessee	22,548
	Los Angeles	California	55,570	17	ROCKWELL INTERNATIONAL CORP		303,993 *
	Malibu	California	7,811		Anaheim	California	69,124
	Malibu Beach	California	150		Canoga Park	California	15,333
	Manhattan Beach	California	142		Downey	California	53,459
	Newport Beach	California	3,014		Los Angeles	California	39,457
	Ontario	California	341-		Newbury Park	California	8,116
	Pomona	California	31,959		Seal Beach	California	10,585
	San Diego	California	47,205		Thousand Oaks	California	9,986
	Sylmar	California	248		Duluth	Georgia	4,647
	Torrance	California	7,145		Puunene	Hawaii	12,019
	Danbury	Connecticut	3,156		Cedar Rapids	Iowa	62,330
	Washington	D.C.	1,632		Marlboro	Massachusetts	141
	Indianapolis	Indiana	2,002		Albuquerque	New Mexico	797
	Lanham	Maryland	149		Kirtland AFB	New Mexico	4,118
	Riverdale	Maryland	459		Montague	North Carolina	89-
	Hanscom AFB	Massachusetts	6,193		Tulsa	Oklahoma	504
	Lexington	Massachusetts	300		Richardson	Texas	9,364
	Detroit	Michigan	44			RUSSIA	4,101
	Minneapolis	Minnesota	145	18	GENCORP INC		265,005 *
	Albuquerque	New Mexico	300		Azusa	California	243,059
	Middletown	Rhode Island	645		Nimbus	California	775
	Newport	Rhode Island	115		Sacramento	California	20,751
	Arlington	Texas	2,317		Sacramento Army Depo	California	32
	Arlington	Virginia	1,009-		Sacramento South	California	100
	Herndon	Virginia	5,229		Tustin	California	287
12	UNITED TECHNOLOGIES CORP		385,690 *	19	SCIENCE APPLICATIONS INTL CORP		254,737 *
	Huntsville	Alabama	7,267		Huntsville	Alabama	19,273
	Troy	Alabama	5,922		Tucson	Arizona	400
	San Jose	California	4,690		Ridgecrest	California	507
	Bloomfield	Connecticut	2,450		San Diego	California	98,055
	East Hartford (Town)	Connecticut	4,069		Santa Ana	California	582
	Hartford	Connecticut	60		Santa Clara	California	1,085
	South Windsor	Connecticut	326		Torrance	California	13,298
	Stratford	Connecticut	8,389		New London	Connecticut	685
	Windsor Locks	Connecticut	1,251		New London Naval Und	Connecticut	370
	West Palm Beach	Florida	351,075		Washington	D.C.	938
	Kirtland AFB	New Mexico	160		Annapolis	Maryland	315
	Dayton	Ohio	30		Warren	Michigan	800
13	LORAL CORPORATION		376,417 *		Albuquerque	New Mexico	9,043
	Litchfield Park	Arizona	1,707		Beavercreek	Ohio	2,321
	Glendale	California	18,386		Dayton	Ohio	10,967
	Newport Beach	California	27,679		Fort Washington	Pennsylvania	223
	North Gardena	California	182		Alexandria	Virginia	1,494
	Palo Alto	California	2,666		Arlington	Virginia	24,582
	Pasadena	California	3,622		Falls Church	Virginia	7,189
	Pomona	California	650		Fort Lee	Virginia	2,107
	Rancho Santa Fe	California	205		McLean	Virginia	38,550
	San Jose	California	34,467		Newington	Virginia	5,266
	San Pedro	California	12,305		Norfolk	Virginia	83-
	Sunnyvale	California	23,949		Roslyn	Virginia	8,118
	Colorado Springs	Colorado	57,234		Springfield	Virginia	1,642
	Cambridge	Massachusetts	2,992		Vienna	Virginia	7,012
	Lexington	Massachusetts	25,030				
	Woburn	Massachusetts	1,703				
	St. Paul	Minnesota	320				

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**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
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Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
20	TEXAS INSTRUMENTS INCORPORATED Colorado Springs Colorado Dallas Texas Dallas-Fort Worth Re Texas Lewisville Texas McKinney Texas Plano Texas	251,424 * 163 160,759 327 77,784 11,048 1,343		BOEING COMPANY THE (Cont) Seattle Washington	95,282
21	T I/MARTIN JAVELIN JOINT VENTR Lewisville Texas	238,499 * 238,499	30	ETC CORPORATION San Jose California Santa Clara California Minneapolis Minnesota	120,329 * 5,299 100,272 14,757
22	LTV AEROSPACE AND DEFENSE CO San Diego California Buffalo New York Dallas Texas Grand Prairie Texas	232,634 * 960 96 94,694 136,883	31	VANADIUM ENTERPRISES CORP Arnold Air Force Sta Tennessee	109,291 * 109,291
23	GENERAL DYNAMICS CORPORATION San Diego California Groton Connecticut Groton Long Point Connecticut New London Naval Und Connecticut Ann Arbor Michigan Sterling Heights Michigan Warner Michigan Warren Michigan Middletown Rhode Island Fort Worth Texas Alexandria Virginia	217,142 * 1,919 152,365 1,966 428 2,228 49,835 151 7,943 41 167 100	32	E-SYSTEMS INC Saint Petersburg Florida State College Pennsylvania Dallas Texas Dallas-Fort Worth Re Texas Garland Texas Greenville Texas Salt Lake City Utah Ashburn Virginia Falls Church Virginia Vienna Virginia	105,880 * 77,147 276 6,493 4,001 2,072 6,281 600 2,750 1,354 4,906
25	WESTINGHOUSE ELECTRIC CORP Santa Monica California Sunnyvale California Norwalk Connecticut Trumbull Connecticut Annapolis Maryland Baltimore Maryland Baltimore-Washington Maryland Hanover Maryland Hunt Valley Maryland Melville New York Cincinnati Ohio Cleveland Ohio Hopewell Oregon Pittsburgh Pennsylvania Knoxville Tennessee	198,534 * 2,093 74,764 559 81 29,828 53,845 2,000 14,595 58 3,503 2,160 6,025 75 8,796 150	33	NICHOLS RESEARCH CORPORATION Huntsville Alabama Ann Arbor Michigan White Sands MSL RGE New Mexico Dayton Ohio	97,944 * 97,000 755 81 107
26	INTERNATIONAL BUS MCHS CORP San Jose California San Pedro California Boulder Colorado Orlando Florida Gaithersburg Maryland Owego New York Yorktown Heights New York Manassas Virginia	171,540 * 748 5,234 60 49,887 34,848 5,772 3,080 71,910	35	ARVIN INDUSTRIES INC Columbus Indiana Boston Massachusetts Buffalo New York Springville New York Dayton Ohio Wright Patterson AFB Ohio Arnold Air Force Sta Tennessee Brooks AFB Texas San Antonio Texas	96,436 * 232 86 20,397 269 1,934 10,321 61,406 1,122 670
27	OLIN CORPORATION Downey California San Leandro California Santa Clara California Saint Petersburg Florida Saco Maine Marion Ohio Redmond Washington	160,171 * 25,846 33,218 250 96,829 709 919 2,400	37	COMPUTER SCIENCES CORPORATION Huntsville Alabama San Diego California Andrews AFB Maryland Rockville Maryland Fort Monmouth New Jersey Moorestown New Jersey Albuquerque New Mexico Holloman AFB New Mexico Warminster Pennsylvania Dahlgren Virginia Falls Church Virginia	96,604 * 1,660 7,885 2,498 34 4,879 38,576 29 532 1,844 17,507 15,162
29	BOEING COMPANY THE Huntsville Alabama Sunnyvale California Vandenberg AFB California Denver Colorado Wichita Kansas Greenbelt Maryland Philadelphia Pennsylvania Kent Washington	123,394 * 360 385 1,266 3,480 6,284 69 11,817 4,450	38	ASTRONAUTICS CORP OF AMERICA Little Falls New Jersey Wayne New Jersey	87,519 * 1,144 86,375
			40	JOHNSON CONTROLS INC Milwaukee Wisconsin Yona Marshall I	86,857 * 471 86,386
			41	AT&T CORP San Diego California Naperville Illinois Manhattan Beach Maryland Murray Hill New Jersey Whippany New Jersey Greensboro North Carolina Arlington Virginia ITALY	84,928 * 272 800 1,217 4,819 5,837 58,500 3,363 120

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Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
42	TELEDYNE INC Huntsville Alabama Los Angeles Air Force California Northridge California Palo Alto California San Diego California Muskegon Michigan Toledo Ohio	79,008 * 51,625 91 750 91 375 25,591 485	49	ALLIANT TECHSYSTEMS INC San Diego California Brooklyn Park Minnesota Edina Minnesota Hopkins Minnesota Minneapolis Minnesota Minnetonka Minnesota New Brighton Minnesota Eatontown New Jersey Totowa New Jersey Horsham Pennsylvania Middletown Rhode Island Arlington Virginia Mukilteo Washington Poulsbo Washington Cudahy Wisconsin	65,180 * 48 3,828 29,206 11,975 8,345 533 4,950 416 959 2,095 74 2,330 288 80 51
43	HARRIS CORPORATION Fort Walton Beach Florida Melbourne Florida Palm Bay Florida Nashua New Hampshire Schenectady New York Mountain Top Pennsylvania State College Pennsylvania Langley AFB Virginia	78,902 * 67 75,860 1,057 125 123 1,478 82 110	50	ALLIEDSIGNAL INC Phoenix Arizona Tempe Arizona Sylmar California Torrance California Torrance Annex California Washington D.C. Fort Lauderdale Florida Des Plaines Illinois Aberdeen PROV GRND Maryland Baltimore Maryland Columbia Maryland St. Inigoes Maryland Teterboro New Jersey Albuquerque New Mexico Redmond Washington	63,323 * 2,235 400 73 1,627 500 25,724 995 978 709 7,877 15,785 2,173 380 3,549 250
45	COLEMAN RESEARCH CORPORATION Huntsville Alabama Orlando Florida White Sands MSL RGE New Mexico	70,910 * 23,438 46,897 575	52	MESC HOLDINGS INC Torrance California Fort Wayne Indiana Mahwah New Jersey	59,307 * 15,712 41,395 2,200
46	SVERDRUP CORPORATION Beavercreek Ohio Arnold Air Force Sta Tennessee Tullahoma Tennessee	70,603 * 919 64,919 4,764	53	CTA INCORPORATED Ridgecrest California Englewood Colorado Rockville Maryland McLean Virginia	58,386 * 22,522 33- 32,055 3,842
47	LOGICON INC Los Angeles California Marina del Rey California San Diego California San Pedro California New London Connecticut Winter Park Florida Bellevue Nebraska Albuquerque New Mexico Kirtland AFB New Mexico Wright Patterson AFB Ohio Warminster Pennsylvania Arlington Virginia McLean Virginia Manassas GERMANY	68,836 * 500 16,810 9,366 11,026 30 4,743 1,547 2,391 9,747 9,567 52 125 67 864 2,000	54	GTE CORPORATION Mountain View California San Diego California Colorado Springs Colorado Gaithersburg Maryland Needham Massachusetts Needham Heights Massachusetts Taunton Massachusetts Waltham Massachusetts Westborough Massachusetts Deer Park New York Chantilly Virginia Fairfax Virginia	57,902 * 2,965 28 4,460 2,191 921 19,651 12,409 1,599 11,448 286 29- 1,974
48	TRACOR INC China Lake NWC California Mojave California San Ramon California Groton Connecticut New London Connecticut New London Naval Und Connecticut Newtown Connecticut Waterford Connecticut Bayview Idaho Bath Maine California Maryland Rockville Maryland Silver Spring Maryland Pascagoula Mississippi Reno Nevada Warminster Pennsylvania Middletown Rhode Island Newport Rhode Island Austin Texas Arlington Virginia Dahlgren Virginia Quantico Virginia	66,210 * 411 51 310 339 193 809 70 34 1,086 675 6,919 4,415 3,457 675 491 1,251 253 155 31,605 1,695 11,134 183	56	CARLYLE PARTNERS LEVERAGED CAP Huntsville Alabama Monterey California Albuquerque New Mexico Kirtland AFB New Mexico New York New York McLean Virginia	54,727 * 4,994 2,573 7,008 1,762 182 38,208
			57	OGDEN CORPORATION San Diego California Silver Spring Maryland Chelmsford Massachusetts Dayton Ohio San Antonio Texas Arlington Virginia	54,155 * 14,667 481 18,546 19,886 370 205

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Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
58	KAMAN CORPORATION		53,418 *	72	UNISYS CORPORATION		33,950 *
	Huntsville	Alabama	3,383		San Diego	California	1,161
	Tucson	Arizona	51		Panama City Beach	Florida	2,898
	Colorado Springs	Colorado	20,193		Livonia	Michigan	115
	Bloomfield	Connecticut	2,925		Eagan	Minnesota	153
	Windsor	Connecticut	897		St. Paul	Minnesota	5,975
	Washington	D.C.	10,586		Great Neck	New York	5,408
	Hudson	Massachusetts	253		Paoli	Pennsylvania	662
	Albuquerque	New Mexico	3,779		Warminster	Pennsylvania	123
	Utica	New York	5,235		Salt Lake City	Utah	3,865
	State College	Pennsylvania	2,302		Dahlgren	Virginia	2,081
	Alexandria	Virginia	3,815		Reston	Virginia	11,509
59	HONEYWELL INC		53,366 *	73	IMO INDUSTRIES INC		33,729 *
	Phoenix	Arizona	337		Bedford	Massachusetts	292
	San Diego	California	101		Garland	Texas	33,437
	Clearwater	Florida	9,819	76	CAS INC		33,256 *
	Bloomington	Minnesota	6,253		Huntsville	Alabama	33,256
	Minneapolis	Minnesota	9,042	77	LITTON INDUSTRIES INC		32,831 *
	Minnetonka	Minnesota	109-		Agoura Hills	California	407
	Plymouth	Minnesota	2,976		San Carlos	California	727
	St. Louis Park	Minnesota	500		San Francisco	California	100
	Albuquerque	New Mexico	24,447		San Jose	California	565
60	PRIMARK CORPORATION		51,039 *		Van Nuys	California	993
	Fort Walton Beach	Florida	6,833		Woodland Hills	California	16,517
	Patrick AFB	Florida	2,215		Woodland	California	5,024
	Reading	Massachusetts	31,558		South Windsor	Connecticut	512
	New Hartford	New York	668		Apopka	Florida	288
	Dayton	Ohio	111		Davenport City	Iowa	136
	Fairborn	Ohio	6,221		College Park	Maryland	727
	Alazan	Texas	1,420		Lexington	Massachusetts	840
	Brooks AFB	Texas	1,708		Waltham	Massachusetts	195
	Arlington	Virginia	172		Pascagoula	Mississippi	5,718
	Reston	Virginia	106			GERMANY	81
	Roslyn	Virginia	27	78	MISSION RESEARCH CORPORATION	S	31,761 *
61	BOLT BERANEK AND NEUMAN INC		48,261 *		Anaheim	California	1,484
	Canoga Park	California	644		Costa Mesa	California	41
	San Diego	California	1,057		Monterey	California	90
	New London	Connecticut	97-		San Diego	California	200
	New London Naval Und	Connecticut	158		San Dimas	California	7,182
	Cambridge	Massachusetts	45,557		Santa Barbara	California	10,700
	Arlington	Virginia	944		Santa Maria Public A	California	186
62	LIGHT HELICOPTER TURBINE ENG CO	S	47,718 *		Colorado Springs	Colorado	2,703
	St. Louis	Missouri	47,718		Washington	D.C.	260
64	ADVANCE RATIO DESIGN CO, INC	S	46,208 *		Nashua	New Hampshire	2,609
	Philadelphia	Pennsylvania	46,208		Albuquerque	New Mexico	4,797
67	BOOZ ALLEN & HAMILTON INC	S	41,078 *		Dayton	Ohio	528
	Huntsville	Alabama	1,893		Newington	Virginia	731
	Mountain View	California	1,686		Newington Station	Virginia	250
	Bethesda	Maryland	1,336	81	LTV CORPORATION		30,444 *
	Albuquerque	New Mexico	1,105		Camden	Arkansas	31,161
	Arlington	Virginia	4,732		Dallas	Texas	717-
	Falls Church	Virginia	6,353	82	GENERAL ATOMICS TECH CORP		28,824 *
	McLean	Virginia	23,874		San Diego	California	28,824
	Hauston	Wisconsin	100	83	ASSURANCE TECHNOLOGY CORP		28,277 *
69	NATIONAL AEROSPACE PLANE		38,421 *		Washington	D.C.	7,318
	Seal Beach	California	38,421		Carlisle	Massachusetts	9,964
70	CONCURRENT COMPUTER CORP		37,673 *		Alexandria	Virginia	10,995
	Johnstown	Pennsylvania	37,673	87	MOTOROLA INC		27,016 *
71	BLACK & DECKER CORPORATION		37,437 *		Chandler	Arizona	6,401
	Huntsville	Alabama	233-		Scottsdale	Arizona	19,512
	San Diego	California	4,648		Tempe	Arizona	1,104
	Albuquerque	New Mexico	1,764				
	Dahlgren	Virginia	2,486				
	McLean	Virginia	28,844				
	Yona	Marshall I	74-				

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Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
88	SPARTAN INC		26,117 *		APPLIED RESEARCH ASSOC INC (Cont)		
	Huntsville	Alabama	8,473		Research Triangle PK	North Carolina	229
	Edwards AFB	California	6,013		South Royalton	Vermont	143
	Laguna Hills	California	1,996		Springfield	Virginia	26
	San Diego	California	8,095				
	Lexington	Massachusetts	140	98	COLSA CORPORATION		21,180 *
	McLean	Virginia	1,401		Huntsville	Alabama	20,211
89	BALL CORPORATION		25,422 *		Odenton	Maryland	969
	San Diego	California	144	99	UNITED DEFENSE LP		21,010 *
	Boulder	Colorado	14,177		Santa Clara	California	5,140
	Broomfield	Colorado	289		York	Pennsylvania	15,870
	Albuquerque	New Mexico	50	100	QUESTECH, INC		20,667 *
	Kirtland AFB	New Mexico	584		Washington	D.C.	1,759
	Fairborn	Ohio	9,554		Dayton	Ohio	5,403
	Wright Patterson AFB	Ohio	624		Wright Patterson AFB	Ohio	56-
90	ORBITAL SCIENCES CORPORATION		25,060 *		Arlington	Virginia	780
	Chandler	Arizona	7,079		Falls Church	Virginia	12,780
	Dulles Int A/P	Virginia	5,470	101	MIDSCO, INC		20,508 *
	Fairfax	Virginia	12,511		Wayne	New Jersey	20,508
91	JAYCOR		24,049 *	102	ESCO ELECTRONICS CORPORATION		20,384 *
	Huntsville	Alabama	165		Braintree	Massachusetts	1,980
	San Diego	California	10,832		Greenlawn	New York	18,404
	Colorado Springs	Colorado	1,161	103	SPACE DATA CORPORATION		20,320 *
	Washington	D.C.	50		Chandler	Arizona	19,835
	Albuquerque	New Mexico	961		Tempe	Arizona	485
	Fairborn	Ohio	2,285	104	HERCULES INCORPORATED		20,067 *
	Vienna	Virginia	8,596		Clearwater	Florida	12,239
92	MC DERMOTT INTERNATIONAL INC		23,615 *		McGregor	Texas	1,359
	Alliance	Ohio	658		Magna	Utah	3,502
	Lynchburg	Virginia	22,958		Rocket Center	West Virginia	2,968
93	ANALYSIS & TECHNOLOGY INC		22,911 *	105	DIGITAL SYSTEM RESOURCES INC	S	20,006 *
	Monterey	California	472		Fairfax	Virginia	20,006
	Groton	Connecticut	1,110	107	MINNESOTA MINING & MFG CO		19,818 *
	Mystic	Connecticut	1,097		Orlando	Florida	384-
	New London	Connecticut	2,297		Mendota Heights	Minnesota	188
	New London Naval Und	Connecticut	4,130		St. Paul	Minnesota	20,013
	North Stonington	Connecticut	5,933	109	AMTEC CORPORATION		19,325 *
	Stonington	Connecticut	65		Huntsville	Alabama	19,325
	Panama City Beach	Florida	5,133	110	SARCOS INC	S	18,792 *
	Cohasset	Massachusetts	30		Salt Lake City	Utah	18,792
	National Space Techn	Mississippi	1,070	111	TEC-MASTERS INC	S	18,247 *
	Middletown	Rhode Island	550		Huntsville	Alabama	18,197
	Naval USC	Rhode Island	132		Atlanta	Georgia	50
	Newport	Rhode Island	734	114	DBA SYSTEMS INC	S	17,598 *
	Arlington	Virginia	157		Melbourne	Florida	17,598
95	TITAN CORPORATION		22,169 *	115	THIokol CORPORATION		17,486 *
	Huntsville	Alabama	108		Huntsville	Alabama	868
	Chatsworth	California	3,777		Elkton	Maryland	4,224
	San Diego	California	10,789		Marshall	Texas	402
	San Leandro	California	5,608		Brigham City	Utah	11,992
	Colorado Springs	Colorado	456	116	VEDA INTERNATIONAL INC		17,289 *
	Princeton	New Jersey	412		Orlando	Florida	580
	Alexandria	Virginia	970		Dayton	Ohio	11,543
	Reston	Virginia	49		Warminster	Pennsylvania	4,499
96	GEO-CENTERS INC	S	21,595 *		Alexandria	Virginia	668
	Washington	D.C.	3,692				
	Aberdeen PROV GRND	Maryland	607				
	Boston	Massachusetts	1,073				
	Natick R & D Center	Massachusetts	1,903				
	Newton Center	Massachusetts	14,320				
97	APPLIED RESEARCH ASSOC INC	S	21,303 *				
	Los Angeles	California	34				
	Eglin AFB	Florida	120				
	Gainesville East	Florida	29				
	Tyndall AFB	Florida	13,019				
	Vicksburg	Mississippi	48				
	Albuquerque	New Mexico	7,653				

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117	CHRYSLER CORPORATION		17,152 *	134	ITT CORPORATION		14,724 *
	Huntsville	Alabama	200		Van Nuys	California	5,748
	Eglin AFB	Florida	264		Eglin AFB	Florida	650
	Dayton	Ohio	78-		Clifton	New Jersey	11,881
	Richardson	Texas	954		Nutley	New Jersey	9,323-
	Waco	Texas	1,500		Fort Worth	Texas	270-
	Waco-Madison Cooper	Texas	13,448		Roanoke	Virginia	6,037
	Arlington	Virginia	864				
118	INTER-NATIONAL RESEARCH INST		16,943 *	135	EG&G INC		14,632 *
	Boston	Virginia	16,943		Sunnyvale	California	250
119	EER SYSTEMS CORPORATION		16,850 *		Groton	Connecticut	580
	Huntsville	Alabama	325		New London	Connecticut	180
	Middletown	Rhode Island	68		New London Naval Und	Connecticut	85
	Vienna	Virginia	16,458		Waterford	Connecticut	581
120	SEQUA CORPORATION		16,684 *		Powder Mill Estates	Maryland	80
	Rockville	Maryland	2,171		Rockville	Maryland	4,797
	Fairborn	Ohio	708		Albuquerque	New Mexico	2,192
	Dahlgren	Virginia	1,261		Kirtland AFB	New Mexico	2,317
	Falls Church	Virginia	933		Cranston	Rhode Island	368
	Fredericksburg	Virginia	3,397		Naval USC	Rhode Island	85
	Gainesville	Virginia	8,215		Dahlgren	Virginia	3,119
121	XEROX CORPORATION		16,529 *	137	ENGINEERING CMPT OPTTECHNICS	S	14,499 *
	Palo Alto	California	12,994		Annapolis	Maryland	14,499
	Pasadena	California	3,466	138	S F A INC		14,183 *
	Washington	D.C.	69		Washington	D.C.	8,592
122	CUBIC CORPORATION		15,650 *		Glenbrook Knoll	Maryland	1,310
	San Diego	California	15,650		Landon Woods	Maryland	101
123	CDA HOLDING INC		15,637 *		Landover	Maryland	4,180
	Indianapolis	Indiana	15,637	139	INTERMETRICS INC		14,065 *
125	HORIZONS TECHNOLOGY INC		15,486 *		Huntington Beach	California	815
	Sacramento	California	267		Cambridge	Massachusetts	2,405
	San Diego	California	3,520		Holloman AFB	New Mexico	2,762
	Melbourne	Florida	6,385		Warminster	Pennsylvania	7,783
	Atlanta	Georgia	889		McLean	Virginia	300
	Boise City	Idaho	52	140	THERMO ELECTRON CORPORATION		13,911 *
	Bedford	Massachusetts	3,765		San Diego	California	12,716
	Billerica	Massachusetts	609		Ann Arbor	Michigan	228
126	MICROELECTRONICS CMPT TECH CORP	S	15,445 *		Johnston Atoll	U.S. Minor	966
	Austin	Texas	15,445	141	SPACE APPLICATIONS CORPORATION		13,585 *
128	UNITED INDUSTRIAL CORPORATION		15,140 *		Santa Ana	California	921
	Baltimore	Maryland	550		Santa Clara	California	10,875
	Cockeysville	Maryland	1,770		Arlington	Virginia	1,789
	Hunt Valley	Maryland	12,820	142	EATON CORPORATION		13,565 *
129	ARINC INCORPORATED		15,095 *		Fort Huachuca	Arizona	36
	San Diego	California	8,875		Deer Park	New York	13,162
	Annapolis	Maryland	6,220		Milwaukee	Wisconsin	367
130	SCIENCE AND APPLIED TECHNOLOGY	S	15,094 *	144	SYSTEM PLANNING CORPORATION	S	13,235 *
	San Diego	California	15,094		Los Angeles	California	30
131	ADVANCE, INCORPORATED		15,030 *		Chesapeake Beach	Maryland	210
	Arlington	Virginia	13,163		Arlington	Virginia	12,456
	Dahlgren	Virginia	1,867		Hampton	Virginia	173
132	HARSCO CORPORATION		14,905 *		Vienna	Virginia	366
	York	Pennsylvania	14,905	145	MODERN TECHNOLOGIES CORP	S	13,010 *
133	FOSTER-MILLER INC	S	14,763 *		Fort Monmouth	New Jersey	8,350
	Port Hueneme	California	69		Columbus	Ohio	125
	Waltham	Massachusetts	14,693		Dayton	Ohio	1,647
					San Antonio	Texas	2,888
				147	PLANNING SYSTEMS INCORPORATED	S	12,406 *
					Monterey	California	500
					New London Naval Und	Connecticut	249
					Washington	D.C.	150
					Jacksonville Naval A	Florida	336
					Slidell	Louisiana	413
					Silver Spring	Maryland	806
					National Space Techn	Mississippi	1,662
					McLean	Virginia	8,255

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	PLANNING SYSTEMS INCORPORATED	Vienna Virginia	35	163	COMPUTER SCIENCE APPLICATIONS	S	9,894 *
					Eglin AFB	Florida	9,167
					Fort Walton Beach	Florida	726
149	GRC INTERNATIONAL INC		12,045 *	164	FRONTIER ENGINEERING, INC	S	9,872 *
	Huntsville	Alabama	1,379		Norton AFB	California	929
	Santa Barbara	California	2,046		Dayton	Ohio	8,038
	Washington	D.C.	991		Stillwater	Oklahoma	905
	Danvers	Massachusetts	143	165	GENTEX CORPORATION		9,795 *
	Reading	Massachusetts	232		Carbondale	Pennsylvania	9,795
	Dayton	Ohio	3,824	166	SEMCOR INC		9,666 *
	Fairborn	Ohio	3,108		Mount Laurel	New Jersey	9,625
	Greenbriar	Virginia	200		Warminster	Pennsylvania	41
	McLean	Virginia	65-	167	COMPUTING DISTRIBUTORS INTL	S	9,633 *
	Vienna	Virginia	187		Minneapolis	Minnesota	9,633
150	BECHTEL GROUP INC		12,033 *	168	MAC AULAY-BROWN INC	S	9,374 *
	Port Hueneme	California	107		Dayton	Ohio	5,843
	San Francisco	California	7,556		Fairborn	Ohio	674
	Arlington	Virginia	4,371		Kettering	Ohio	118
152	PACIFIC SIERRA RESEARCH CORP		11,899 *		Wright Patterson AFB	Ohio	2,739
	Los Angeles	California	2,616	170	S P F INC	S	9,126 *
	San Diego	California	762		Falls Church	Virginia	9,126
	Santa Monica	California	7,697	171	COMPREHENSIVE TECH INTL		9,054 *
	Santa Monica Canyon	California	305		Arlington	Virginia	7,980
	Westlake Village	California	68		Fairfax	Virginia	1,074
	Arlington	Virginia	452	173	MADEN TECH CONSULTING INC	S	8,793 *
153	TECOLOTE RESEARCH INC	S	11,863 *		Augusta	Maryland	1,105
	Huntsville	Alabama	1,371		Arlington	Virginia	4,623
	Santa Barbara	California	2,562		McLean	Virginia	3,065
	Dayton	Ohio	7,930	177	SYNECTICS CORP		8,293 *
154	E-OIR MEASUREMENTS INC	S	11,822 *		Westlake Village	California	600
	Fort Belvoir	Virginia	11,229		Washington	D.C.	269
	Fredericksburg and S	Virginia	350		Wakefield	Massachusetts	249
	Spotsylvania	Virginia	244		Ann Arbor	Michigan	720
155	DYNETICS INC	S	11,670 *		Rome	New York	5,855
	Huntsville	Alabama	11,670		Fairfax	Virginia	600
156	TENNECO INC		11,560 *	178	RESEARCH & DEVELOPMENT LABS	S	8,259 *
	Beechmont	Virginia	31		China Lake MWC	California	2,348
	Charlottesville	Virginia	1,699		Culver City	California	5,911
	Newport News	Virginia	9,831	179	ORINCON CORPORATION	S	8,258 *
158	NICHOLSON & ASSOCIATES INC	S	11,334 *		San Diego	California	8,113
	Huntsville	Alabama	11,334		San Bernardino	California	50
159	DYNACORP		11,187 *		Arlington	Virginia	95
	San Diego	California	748	180	SYSTEMS & ELECTRONICS, INC	S	8,160 *
	Washington	D.C.	635		Elk Grove Village	Illinois	8,160
	Rockville	Maryland	1,507	181	VANGUARD RESEARCH, INC		8,141 *
	Albuquerque	New Mexico	388		Falcon	Colorado	8,141
	White Sands MSL RGE	New Mexico	6,803	182	BTG INC		8,093 *
	Dayton	Ohio	140		Vienna	Virginia	8,093
	Alexandria	Virginia	965	185	ORION INTERNATIONAL TECH	S	7,869 *
161	HARBERT CORPORATION		9,980 *		Palm Bay	Florida	1,066
	Birmingham	Alabama	9,980		Albuquerque	New Mexico	3,482
162	SONALYSTS INC		9,959 *		Bernalillo	New Mexico	219
	San Diego	California	1,900		White Sands MSL RGE	New Mexico	3,102
	New London	Connecticut	367	186	HARNISCHEEGER INDUSTRIES INC		7,654 *
	New London Naval Und	Connecticut	1,828		San Diego	California	1,240
	Old Saybrook	Connecticut	32		New London	Connecticut	175
	Waterford	Connecticut	4,654		New London Naval Und	Connecticut	333
	Washington	D.C.	965		Washington	D.C.	130
	Winter Park	Florida	100		Silver Spring	Maryland	1,513
	Middletown	Rhode Island	83				
	Norfolk	Virginia	30				

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	HARNISCHFEGGER INDUSTRIES INC (Cont)				
	Middletown Rhode Island	434	205	SYNETICS CORPORATION	6,712 *
	Naval USC Rhode Island	3,175		San Diego California	726
	Dahlgren Virginia	653		Wakefield Massachusetts	3,476
187	AMCOMP CORPORATION	7,628 *		Warminster Pennsylvania	400
	Rancho Palos Verdes California	7,628		Dahlgren Virginia	2,110
188	AEROMET, INC	7,586 *	206	UES INC	6,603 *
	Tulsa Oklahoma	4,962		Fort Rucker Alabama	271
	Yona Marshall I	2,624		Dayton Ohio	6,332
189	ANALYTICAL SYSTEMS ENGRG CORP	7,577 *	208	SOFTECH INC	6,428 *
	Burlington Massachusetts	7,135		San Diego California	592
	Buffalo Springs New Mexico	212		Waltham Massachusetts	531
	Rome New York	231		Dayton Ohio	5,305
190	GDE SYSTEMS, INC	7,557 *	209	DECISION-SCIENCE APPLICATIONS	6,392 *
	San Diego California	7,557		Arlington Virginia	6,392
192	PHYSICAL SCIENCES INC	7,512 *	213	CACI INTERNATIONAL INC	6,196 *
	Washington D.C.	436		La Jolla California	150
	Cockeysville Maryland	175		Dayton Ohio	6,046
	Hunt Valley Maryland	1,508	214	SUPERCONDUCTOR TECHNOLOGIES	6,188 *
	Amherst Massachusetts	59		Santa Barbara California	6,188
	Andover Massachusetts	5,123	215	SBS TECHNOLOGIES	6,128 *
	Alexandria Virginia	211		Huntsville Alabama	457
				Newport Beach California	5,671
193	SCIENCE AND TECHNOLOGY CORP	7,503 *	216	VISICOM LABORATORIES, INC	6,045 *
	San Diego California	1,838		San Diego California	6,045
	Washington D.C.	200	217	ASI SYSTEMS INTERNATIONAL	6,030 *
	Las Cruces New Mexico	535		Anaheim California	4,095
	Hampton Virginia	4,930		Fort Walton Beach Florida	1,934
194	PAR TECHNOLOGY CORPORATION	7,485 *	218	SOFTWARE TECHNOLOGY INC	6,024 *
	Griffiss AFB New York	38		Washington D.C.	2,201
	New Hartford New York	7,403		Melbourne Florida	3,823
	Rome New York	44	219	N K F ENGINEERING INC	6,015 *
197	WILLIAMS INTERNATIONAL CORP	7,313 *		Arlington Virginia	5,733
	Walled Lake Michigan	7,313		Rushmere Virginia	234
198	SRA INTERNATIONAL INC	7,312 *		Rustburg Virginia	48
	El Segundo California	135	220	GLS ASSOCIATES, INC	5,999 *
	Arlington Virginia	7,347		Alexandria Virginia	5,999
	Fairfax Virginia	100	221	APPLIED RESEARCH INC	5,979 *
199	FIGGIE INTERNATIONAL INC	7,272 *		Huntsville Alabama	1,766
	Anaheim California	7,272		Arlington Virginia	4,213
200	ADVANCED RESOURCE TECHNOLOGIES	7,210 *	222	MEVATEC CORPORATION	5,951 *
	Alexandria Virginia	7,210		Huntsville Alabama	5,951
201	MANTECH INTERNATIONAL CORP	7,020 *	223	RAIL COMPANY	5,928 *
	Edwards AFB California	1,267		St. Louis Missouri	854
	Wright Patterson AFB Ohio	3,651		Falls Church Virginia	5,074
	Fairfax Virginia	2,102	225	AUTOMATED SCIENCES GROUP INC	5,821 *
202	GILBERT ASSOCIATES INC	6,998 *		Huntsville Alabama	5,821
	San Diego California	43	226	METRO MACHINE CORP	5,783 *
	Rockville Maryland	2,648		Norfolk Virginia	5,783
	Alexandria Virginia	2,541	227	SPARTON CORPORATION	5,725 *
	Norfolk Virginia	50		Jackson Michigan	5,725
	Vienna Virginia	1,716	228	LUFKIN INDUSTRIES INC	5,723 *
203	ENSCO INC	6,991 *		Lufkin Texas	5,723
	Lakewood Colorado	98			
	Springfield Virginia	6,893			
204	STERLING SOFTWARE INC	6,869 *			
	Bellevue Nebraska	1,333			
	Rome New York	5,536			

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230	ESSEX INDUSTRIES INC	Edwardsville Alabama	S 5,722 *	250	LOS ALAMOS TECHNICAL ASSOC	Los Alamos New Mexico	5,076 *
231	ELECTRONIC WARFARE ASSOCIATES	Orlando Florida	S 5,717 *	251	LINDSEY WILLIAM C INC	Los Angeles California	S 5,020 *
		Dayton Ohio	2,143				5,020
		Vienna Virginia	59	252	MDT ADVISERS INC	Cambridge Massachusetts	5,012 *
		Fairmont West Virginia	3,310			Waltham Massachusetts	4,905
232	O'DAY, LANE & GIGLIOTTI		S 5,664 *				107
		RUSSIA	5,664	253	PHOTON RESEARCH ASSOCIATES INC	Huntsville Alabama	S 5,003 *
233	MRS TECHNOLOGY INC		S 5,591 *			La Jolla California	60
	Chelmsford Massachusetts		5,591			San Diego California	2,849
234	DYNAMICS RESEARCH CORPORATION		5,532 *				2,094
	Andover Massachusetts		1,460	254	CONSTELLATION TECHNOLOGY CORP	Saint Petersburg Florida	S 4,976 *
	Wilmington Massachusetts		2,795				4,976
	Arlington Virginia		1,277	255	KONTECH INC	Sunnyvale California	S 4,974 *
235	TERA COMPUTER COMPANY		S 5,500 *			Van Nuys California	3,060
	Seattle Washington		5,500				1,914
236	DUCHOSSOIS INDUSTRIES INC		S 5,484 *	256	SYSTEM RESOURCES CORPORATION	Shrewsbury New Jersey	S 4,932 *
	Hunt Valley Maryland		5,122				4,932
	Scranton Pennsylvania		362	257	VIASAT, INC	Carlsbad California	S 4,892 *
237	YORK INTERNATIONAL CORPORATION		5,483 *			San Diego California	4,802
	York Pennsylvania		5,483				90
238	PLANNING CONSULTANTS INC		S 5,467 *	258	AEPCO INC	Rockville Maryland	4,870 *
	Dahlgren Virginia		5,467				4,870
239	WHITTAKER CORPORATION		S 5,339 *	259	FMS CORPORATION	Los Angeles California	4,865 *
	Simi Valley California		5,339				4,865
240	VITRONICS INC		S 5,266 *	260	PARSONS CORPORATION		4,829 *
	Eatontown New Jersey		5,266		Luke AFB Arizona		55
241	DUAL INCORPORATED		5,266 *		Beale AFB California		142
	Arlington Virginia		5,266		Camp Parks California		75-
242	MICRON TECHNOLOGY INC		5,256 *		Fort Macarthur California		634
	Boise Idaho		5,256		Los Angeles Air Force California		6
243	TRUSTED INFORMATION SYSTEMS,		S 5,238 *		Vandenberg AFB California		552
	Glenwood Maryland		5,238		Denver Colorado		712
244	KOPIN CORPORATION		S 5,205 *		Cape Canaveral AFS Florida		97-
	Taunton Massachusetts		5,205		Eglin AFB Florida		540
245	ARES CORPORATION		S 5,192 *		Atlanta Georgia		115
	Arlington Virginia		5,192		Cannon AFB New Mexico		162
246	ETEC SYSTEMS, INC		S 5,151 *		Fort Drum New York		998
	Hayward California		5,151		Camp Lejeune North Carolina		86
247	K J INTERNATIONAL INC		S 5,132 *		Shaw North Carolina		66
	RUSSIA		5,132		Newark Ohio		58
248	ETA TECHNOLOGIES CORPORATION		S 5,103 *		Altus Air Force Base Oklahoma		140
	Inglewood California		850		Brooks AFB Texas		113
	San Diego California		4,253		Hondo Texas		54-
249	HILTON SYSTEMS INC		5,082 *		Kelly AFB Texas		77
	Huntsville Alabama		1,731		Hill AFB Utah		212
	Atlanta Georgia		168		Langley AFB Virginia		387
	Ridgeland Mississippi		88	262	DELFIN SYSTEMS		4,675 *
	Vicksburg Mississippi		3,095		Santa Clara California		4,475
					Sunnyvale California		200
				263	KRUG INTERNATIONAL CORPORATION	San Antonio Texas	S 4,661 *
							4,561
				265	MOLECULAR DEVICES CORPORATION	Menlo Park California	4,635 *
							4,635
				266	APPLIED MATERIALS INC	Santa Clara California	4,589 *
							4,589

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for RDT&E to U.S. Business Firms: FY 1994**

Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
267	ARIST CORPORATION INC	Alexandria Virginia	S 4,533 *	291	FRONTIER TECHNOLOGY INC	Santa Barbara California	S 3,941 *
			4,533		Beavercreek Ohio		712
268	HOUSTON ASSOCIATES, INC	Silver Spring Maryland	S 4,482 *				3,230
			4,482	292	APPLIED MEASUREMENT SYSTEMS	New London Connecticut	3,855 *
269	INTERGRAPH CORPORATION	Huntsville Alabama	4,473 *		Hollywood Florida		779
			4,473		Bayview Idaho		2,318
270	DESIGNER SOFTWARE SERVICE	Arlington Virginia	S 4,426 *				758
			4,426	293	PDI CORP	Annapolis Maryland	S 3,842 *
271	FIBERTEK INC	Herndon Virginia	S 4,386 *				3,842
			4,386	295	BRTRC, INC	Fairfax Virginia	S 3,802 *
272	VECTOR RESEARCH COMPANY INC	Bethesda Maryland	S 4,370 *		Vienna Virginia		2,699
		Rockville Maryland	4,250				1,104
			120	296	VSE CORPORATION	Alexandria Virginia	3,799 *
274	AUTOMATION GROUP INC	San Diego California	S 4,334 *				3,799
	San Francisco California		85	297	CREARE INCORPORATED	Hanover New Hampshire	S 3,790 *
			4,249		Hanover Center New Hampshire		3,199
275	NATION INC	Tinton Falls New Jersey	S 4,264 *				590
			4,264	299	NCHIP, INC	San Jose California	S 3,771 *
276	EAI CORPORATION	Abingdon Maryland	S 4,262 *				3,771
	Dugway Proving Grd Utah		4,056	300	AMOCO CORPORATION	Atlanta Georgia	3,765 *
			206				3,765 *
277	SPIRE CORPORATION	Becket Center Massachusetts	S 4,262 *	301	MEI TECHNOLOGY CORPORATION	Lexington Massachusetts	S 3,763 *
	Bedford Massachusetts		69		Griffiss AFB New York		2,687
			4,192		San Antonio Texas		131
279	AREIE' ASSOCIATES	Sherman Oaks California	S 4,240 *		Langley AFB Virginia		533
			4,240				412
280	BERKELEY RESEARCH ASSOCIATES	Berkeley California	S 4,226 *	303	DCS CORPORATION	Alexandria Virginia	3,718 *
	Washington D.C.		569				3,718
	Fairfax Virginia		637	304	R J O ENTERPRISES INC	Lanham Maryland	3,692 *
	Springfield Virginia		500		Dayton Ohio		1,426
			2,520				2,266
281	WESTON ROY F INC	West Chester Pennsylvania	4,153 *	305	ADVANCED ACOUSTIC CONCEPTS,	Ronkonkoma New York	S 3,680 *
			4,153				3,680
283	SYSTRAN CORPORATION	Dayton Ohio	S 4,141 *	306	S SYSTEMS CORPORATION	Albuquerque New Mexico	S 3,677 *
			4,141				3,677
284	ENSTROM HELICOPTER CORPORATION	Menominee Michigan	S 4,111 *	307	MAC GREGOR-NAVIRE USA INC	Gulfport Mississippi	3,675 *
			4,111				3,675
285	SPRINT COMMUNICATIONS CO LP	Herndon Virginia	4,038 *	308	SDL, INC	San Jose California	S 3,656 *
			4,038				3,656
286	MANAGEMENT ASSISTANT CORP AMER	China Lake NWC California	4,035 *	309	STEWART & STEVENSON SVCS INC	Sealy Texas	3,649 *
			4,035				3,649
287	BELL ATLANTIC CORPORATION	Silver Spring Maryland	3,994 *	310	MIKROS SYSTEMS CORPORATION	Princeton New Jersey	S 3,648 *
			3,994				3,648
288	DIGITAL SYSTEMS RESEARCH INC	Arlington Virginia	3,978 *	311	DDL OMNI ENGINEERING CORP	New London Connecticut	S 3,630 *
			3,978		Waterford Connecticut		90
289	ALPHATECH INC	Burlington Massachusetts	S 3,966 *		Chantilly Virginia		49
			3,966				3,491
290	PHYSICAL OPTICS CORPORATION	Torrance California	S 3,966 *	312	MASPAR COMPUTER CORPORATION	Sunnyvale California	S 3,629 *
			3,966				3,629
				313	JMAR INDUSTRIES INC	San Diego California	S 3,614 *
							3,614

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for RDT&E to U.S. Business Firms: FY 1994**

Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
314	HALLIBURTON COMPANY	Houston Texas	3,608 *	342	BRUKER INSTRUMENTS INC	Billerica Massachusetts	3,109 *
317	WAGNER DANIEL H ASSOCIATES INC	Paoli Pennsylvania	3,484 *	343	METROLASER	Irvine California	3,108 *
		Hampton Virginia	1,242				3,108
		Vienna Virginia	1,712	344	ATLANTIC AEROSPACE ELECTRONICS	Greenbelt Maryland	3,097 *
			531			Waltham Massachusetts	2,537
318	HUGHES ASSOCIATES, INC	Washington D.C.	3,399 *				560
		Columbia Maryland	3,138	345	ADVANCED TECHNOLOGY MATERIALS	Danbury Connecticut	3,069 *
			261				3,069
319	DIGITAL WIZARDS INC	San Diego California	3,396 *	346	E I C LABORATORIES, INC	Norwood Massachusetts	3,040 *
			3,396			Twinsburg Ohio	2,479
320	PHOTO PRO FRAME CO	Falls Church Virginia	3,368 *				561
			3,368	348	F & M MANUFACTURING, INC	Westminster Maryland	3,032 *
321	EARTH TECHNOLOGY CORP USA	Huntsville Alabama	3,358 *				3,032
			3,358	349	ADVANCED PROCESSING LABS	San Diego California	3,022 *
322	QUEST INTEGRATED INC	Kent Washington	3,357 *				3,022
			3,357	350	EPOCH ENGINEERING INC	Gaithersburg Maryland	3,015 *
323	AMHERST SYSTEMS, INC	Buffalo New York	3,357 *				3,015
			3,357	351	SFD TECHNOLOGIES INC	Philadelphia Pennsylvania	3,011 *
324	UNIVERSAL TECHNOLOGY CORP	Beavercreek Ohio	3,338 *				3,011
		Dayton Ohio	1,195	352	TEKTRONIX INC	Beaverton Oregon	2,989 *
			2,143				2,989
326	ADVANCED TECHNOLOGY & RESEARCH	Burtonsville Maryland	3,305 *	353	KPMG PEAT MARWICK LLP	New London Connecticut	2,971 *
		Laurel Maryland	1,946			Washington D.C.	340
			1,359			Middletown Rhode Island	2,217
327	ISX CORPORATION	Westlake Village California	3,301 *			Naval USC Rhode Island	224
			3,301				190
328	M T L SYSTEMS, INC	Dayton Ohio	3,284 *	354	STRATEGIC ANALYSIS INC	Arlington Virginia	2,925 *
		Wright Patterson AFB Ohio	1,570				2,925
			1,714	355	PHYSITRON, INC	Huntsville Alabama	2,919 *
330	WESTERN INSTRUMENT CORPORATION	Port Hueneme California	3,245 *				2,919
		Ventura California	3,060	356	PACER SYSTEMS INC	Panama City Florida	2,892 *
			185			Horsham Pennsylvania	1,180
331	AUTOMATION RES SYSTEMS LTD	Alexandria Virginia	3,230 *				1,712
			3,230	357	VISTA TECHNOLOGY INCORPORATED	Huntsville Alabama	2,874 *
332	SYSTEMS PLANNING AND ANALYSIS	Falls Church Virginia	3,202 *			Albuquerque New Mexico	1,366
			3,202			El Paso Texas	146
333	CIA LAUNCH SERVICES	Herndon Virginia	3,200 *				1,362
			3,200	358	HARRIS-MAGNAVOX SYSTEMS CO	Melbourne Florida	2,868 *
							2,868
336	TOYON RESEARCH CORP	Goleta California	3,192 *	359	ENVIRONMENTAL TECH GROUP	Beachwood Forest Maryland	2,868 *
		Santa Barbara California	3,007				2,868
			185	360	KDI CORPORATION	Columbia Maryland	2,859 *
337	CONDOR SYSTEMS INC	San Jose California	3,169 *			Cincinnati Ohio	100
		Sterling Virginia	2,469				2,759
			700	361	METRON INC	San Diego California	2,854 *
338	VENTURE PLASTICS, INC	Corona California	3,167 *			Warminster Pennsylvania	165
			3,167			Reston Virginia	273
340	NAVSTAR APPLIED SCIENCES CORP	Warminster Pennsylvania	3,123 *				2,416
			3,123	362	BETA ANALYTICS INC	Upper Marlboro Maryland	2,849 *
341	ELDYNE, INC	San Diego California	3,119 *			Alexandria Virginia	2,738
			3,119				111

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for RDT&E to U.S. Business Firms: FY 1994**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
363	SCIENCE RESEARCH LABORATORY Alameda California Somerville Massachusetts	S 2,847 * 429 2,418	388	LOGISTICS MANAGEMENT ENGRG Annapolis Maryland Beacon Heights Maryland Warminster Pennsylvania	S 2,633 * 92 295 2,247
366	B D SYSTEMS INC Los Angeles Air Force California	S 2,816 * 2,816	389	INTEGRATED SYSTEMS INC Santa Clara California	S 2,609 * 2,609
367	DELTA RESEARCH INC Huntsville Alabama	S 2,794 * 2,794	390	A-TECH CORPORATION Albuquerque New Mexico	S 2,584 * 2,584
368	SIMULA, INC Phoenix Arizona	S 2,791 * 2,791	391	BETAC INTERNATIONAL CORP Alexandria Virginia	2,578 * 2,578
369	AHMTech, INC San Diego California	S 2,789 * 2,789	392	UNITED INTERNATIONAL ENGRG Huntsville Alabama Albuquerque New Mexico	2,568 * 191 2,377
370	SUNDSTRAND CORPORATION San Diego California Rockford Illinois	2,788 * 485 2,303	393	COMPUTATIONAL PHYSICS INC Washington D.C. Newton Massachusetts Annandale Virginia	S 2,562 * 2,042 120 400
371	MIS SYSTEMS CORPORATION Eden Prairie Minnesota	2,787 * 2,787	394	OPTIVISION INC Davis California Palo Alto California	S 2,558 * 1,318 1,240
372	VISIDYNE INC Goleta California Burlington Massachusetts	S 2,786 * 1,226 1,560	395	SENIEL CORPORATION Eglin AFB Florida Vicksburg Mississippi	S 2,557 * 2,157 400
375	TECHNICAL & MGT SVCS CORP Beltsville Maryland Calverton Maryland Eatontown New Jersey Fort Monmouth New Jersey West Long Branch New Jersey	2,728 * 93 401 608 1,576 50	396	FED CORPORATION Hopewell Junction New York Research Triangle Park North Carolina	S 2,524 * 199 2,325
376	APPLIED TECH ASSOC INC DEL Mountain View California Washington D.C.	2,702 * 2,532 170	397	TETRA CORPORATION Albuquerque New Mexico	S 2,502 * 2,502
377	DIMENSIONS INTERNATIONAL, INC Orlando Florida Alexandria Virginia	2,700 * 199 2,501	399	CIMPLEX TECHNOLOGY CORP Palo Alto California	S 2,485 * 2,485
378	RESEARCH MANAGEMENT CONS Point Hugo Naval Air California McLean Virginia	S 2,682 * 245 2,437	400	SYSTEMS ANALYSIS & INTEGRATION San Diego California	S 2,460 * 2,460
379	MICROMODULE SYSTEMS Cupertino California	2,681 * 2,681	401	GENERAL TECHNICAL SERVICES Tinton Falls New Jersey Wall (Township of) New Jersey	S 2,454 * 350 2,104
381	PRAXIS INC Washington D.C.	S 2,663 * 2,663	403	MICRION CORPORATION Peabody Massachusetts	2,432 * 2,432
382	INTERMAGNETICS GENERAL CORP Waterbury Connecticut Quilanderland New York Allentown Pennsylvania	S 2,660 * 50 1,873 737	404	ESTERLINE TECHNOLOGIES CORP Coachella California Hauppauge New York	2,431 * 2,388 43
383	WEIDLINGER ASSOCIATES INC Los Altos California Palo Alto California New York New York	2,659 * 236 165 2,258	405	OPTIMETRICS INC Ann Arbor Michigan	S 2,407 * 2,407
384	DEFENSE TECHNOLOGY INC Arlington Virginia Dahlgren Virginia	S 2,657 * 834 1,823	407	CRANE CO Bothell Washington Lynnwood Washington	2,405 * 2,068 337
385	LOGISTICS TECHNIQUES, INC Fairborn Ohio	2,654 * 2,654	408	KNOWLEDGE BASED SYSTEMS INC College Station Texas	S 2,388 * 2,388
386	SENSIS CORPORATION De Witt New York	S 2,641 * 2,641	409	USER TECHNOLOGY ASSOCIATES Alexandria Virginia Arlington Virginia	S 2,362 * 1,555 807
			410	FIBER MATERIALS INC Biddeford Maine	S 2,350 * 2,350

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Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
412	CSA ENGINEERING INC.			436	APTEK INC		
	Palo Alto	California	2,328 *		San Jose	California	2,156 *
	Wright Patterson AFB	Ohio	2,286		Colorado Springs	Colorado	175
			42				1,981
413	GUILD ASSOCIATES INC			437	SUMMA TECHNOLOGY, INC		
	Hilliard	Ohio	2,325 *		Huntsville	Alabama	2,156 *
			2,325				2,156
415	STV GROUP INC			439	M D T T INC		
	Pottstown	Pennsylvania	2,306 *		Orlando	Florida	2,149 *
	Warminster	Pennsylvania	2,166				2,149
			140				
417	IACAN CORPORATION			440	UTD INC		
	Carlsbad	California	2,295 *		Fairfax	Virginia	2,148 *
			2,295		Newington	Virginia	59
					Springfield	Virginia	251
418	INTERACTIVE TELEVISION CO						1,838
	Arlington	Virginia	2,289 *	441	CHARLES RIVER ANALYTICS INC		
			2,289		Cambridge	Massachusetts	2,114 *
							2,114
419	RENCO GROUP, THE INC			442	RADEX INC		
	South Bend	Indiana	2,279 *		Bedford	Massachusetts	2,110 *
	Livonia	Michigan	1,624		Carlisle	Massachusetts	703
			655				1,407
420	ATMOSPHERIC AND ENVMTL RES INC			443	QUINTRON CORPORATION		
	Cambridge	Massachusetts	2,263 *		Chantilly	Virginia	2,110 *
			2,263				2,110
421	ORION SCIENTIFIC SYSTEMS, INC			444	BIONETICS CORPORATION		
	Arlington	Virginia	2,260 *		Malvern	Pennsylvania	2,108 *
			2,260				2,108
422	MYSTECH ASSOCIATES INC			445	SENSCI CORP		
	North Stonington	Connecticut	2,246 *		Alexandria	Virginia	2,107 *
			2,246				2,107
424	RADIX TECHNOLOGIES INC			446	INGERSOLL-DRESSER PUMP COMPANY		
	Mountain View	California	2,226 *		Woburn	Massachusetts	2,082 *
			2,226				2,082
425	TYBRIN CORPORATION			449	SPEARS ASSOCIATES INC		
	Huntsville	Alabama	2,223 *		Northampton	Massachusetts	2,057 *
	Eglin AFB	Florida	186		Norwood	Massachusetts	1,825
			2,037				232
426	TELEPHONE SYSTEMS INC			450	SOFTWARE PRODUCTIVITY SOLUTIONS		
	Toledo	Ohio	2,222 *		Indianapolis	Florida	2,053 *
			2,222				2,053
427	TECHNOLOGY ASSESSMENT & TRANSF			451	SUPPORT CONTRACTING SYSTEMS		
	Annapolis	Maryland	2,215 *		Cambridge	California	2,042 *
	Millersville	Maryland	1,840				2,042
			375				
428	POWER SPECTRA, INC			452	LABORATORY EQUIPMENT CORP		
	Fremont	California	2,208 *		Mooreville	Indiana	2,039 *
	Sunnyvale	California	1,685				2,039
			523				
429	NATIONAL SEMICONDUCTOR CORP			453	HNC SOFTWARE, INC		
	Santa Clara	California	2,202 *		San Diego	California	2,016 *
			2,202				2,016
430	L N K CORPORATION			454	GALAXY SCIENTIFIC CORP		
	Washington	D.C.	2,194 *		San Diego	California	2,015 *
	Riverdale	Maryland	245		Mays Landing	New Jersey	280
			1,949		Pleasantville	New Jersey	396
					Warminster	Pennsylvania	1,045
432	S.T. RESEARCH CORPORATION						294
	Newington	Virginia	2,171 *	456	TECHNICAL MICRONICS CONTROL		
			2,171		Huntsville	Alabama	2,000 *
							2,000
433	CAMBER CORPORATION			457	PHOTON DYNAMICS, INC		
	Huntsville	Alabama	2,170 *		Milpitas	California	2,000 *
	El Segundo	California	235				2,000
	Seal Beach	California	50				
	Cambridge	Massachusetts	505	459	CERIDIAN CORPORATION		
			1,380		Washington	D.C.	1,989 *
							1,989
434	NORTHWEST RESEARCH ASSOCIATES			460	MITECH, INCORPORATED		
	Black Point	Maine	2,162 *		San Diego	California	1,984 *
	Bellevue	Washington	200				1,984
			1,962				
435	AC, INC			461	IRVINE SENSORS CORPORATION		
	Huntsville	Alabama	2,158 *		Costa Mesa	California	1,976 *
			2,158				1,976

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Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
462	ELECTRONETICS CORPORATION	S	1,954 *	490	KEYSTONE COMPUTER ASSOCIATES	S	1,793 *
	Anherst	New York	1,954		Fort Washington	Pennsylvania	1,793
463	RADIANT TECHNOLOGIES, INC	S	1,950 *	491	TANNER RESEARCH INC	S	1,789 *
	Albuquerque	New Mexico	1,950		Pasadena	California	1,789
464	INTERNATIONAL AMERICAN PDTS	S	1,949 *	492	CAPE COD RESEARCH, INC	S	1,782 *
	Columbia	South Carolina	1,949		East Falmouth	Massachusetts	1,286
465	MSNU INC		1,948 *		Falmouth	Massachusetts	497
	San Marcos	California	1,948	493	ESSCUBE ENGINEERING INC	S	1,775 *
466	ACCURATE AUTOMATION CORP	S	1,932 *		Cherry Hill	New Jersey	565
	Chattanooga	Tennessee	1,833		Haddonfield	New Jersey	1,210
	Knoxville	Tennessee	99	494	VARIAN ASSOCIATES INC		1,765 *
469	QUALITY RESEARCH INC	S	1,919 *		Palo Alto	California	1,535
	Huntsville	Alabama	1,919		Beverly	Massachusetts	230
470	SORBENT TECHNOLOGIES CORP	S	1,911 *	495	ADVANCED SYSTEMS TECHNOLOGY	S	1,758 *
	Twinsburg	Ohio	1,911		Atlanta	Georgia	1,758
471	BELL COMMUNICATIONS RESEARCH		1,908 *	496	AMR CORPORATION		1,753 *
	Livingston	New Jersey	1,908		San Diego	California	230
472	VAIL RESEARCH TECHNOLOGY CORP	S	1,896 *		Dallas-Fort Worth Re	Texas	1,523
	Alexandria	Virginia	1,896	497	SBP TECHNOLOGIES INC		1,750 *
473	JAMIESON SCIENCE & ENGINEERING	S	1,885 *		New Haven	Connecticut	1,750
	Scotts Valley	California	200	498	COMPTON RESEARCH, INC		1,728 *
	Bethesda	Maryland	1,685		Goleta	California	1,728
476	INTERNATIONAL SCIENTIFIC PETS	S	1,870 *	499	FRIED, D L ASSOCIATES INC		1,728 *
	San Jose	California	1,870		Placentia	California	1,728
478	ADVANCED RES & APPLICATIONS	S	1,857 *	500	INFOTEC DEVELOPMENT INC		1,724 *
	Sunnyvale	California	1,612		Santa Ana	California	1,550
	Wright Patterson AFB	Ohio	245		Sunnyvale	California	174
479	COOPERS & LYBRAND LLP		1,844 *		TOTAL		18,223,373
	Arlington	Virginia	1,844				
480	LASER POWER CORPORATION	S	1,835 *				
	Del Mar	California	625				
	San Diego	California	1,210				
481	AVARE INC	S	1,834 *				
	Cambridge	Massachusetts	1,834				
482	SYSTEMS & PROCESSES ENGRG CORP	S	1,833 *				
	Austin	Texas	1,833				
483	GLOBAL UNIVERSAL SYSTEMS INC		1,825 *				
	Arlington	Virginia	1,825				
484	SEAWARD SERVICES INC	S	1,825 *				
	Fort Lauderdale	Florida	1,825				
485	TECHNOVATIVE APPLICATIONS	S	1,823 *				
	Placentia	California	1,823				
486	WINTEC INC	S	1,817 *				
	Fort Walton Beach	Florida	444				
	Panama City	Florida	384				
	Valparaiso	Florida	239				
	Fort Sumner	Maryland	750				
489	NATIVE AMERICAN CONSULTANTS	S	1,796 *				
	Washington	D.C.	1,796				

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**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Educational and Nonprofit Institutions: FY 1994**

Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
9	JOHNS HOPKINS UNIVERSITY		441,637 *	84	UNIVERSITY OF DAYTON INC		28,189 *
	Baltimore	Maryland	1,607		Williams AFB	Arizona	7,711
	Laurel	Maryland	440,030		Edwards AFB	California	226
					Dayton	Ohio	20,252
10	MITRE CORPORATION		414,477 *	85	GEORGIA TECH RESEARCH CORP		27,728 *
	Bedford	Massachusetts	228,600		Atlanta	Georgia	27,728
	McLean	Virginia	185,877	86	UNIVERSITY OF TEXAS		27,586 *
16	MASSACHUSETTS INST OF TECH		313,151 *		Austin	Texas	27,586
	Cambridge	Massachusetts	18,204	106	UNIVERSITY OF SOUTHERN CAL		19,891 *
	Lexington	Massachusetts	294,947		Los Angeles	California	9,822
28	DRAPER CHARLES STARK LAB INC		160,104 *		Los Angeles Air Forc	California	5,329
	Cambridge	Massachusetts	160,104		Marina del Ray	California	4,538
34	AEROSPACE CORPORATION		97,500 *		University Park	California	202
	El Segundo	California	97,500	108	UTAH STATE UNIVERSITY		19,753 *
44	PENNSYLVANIA STATE UNIV INC		74,691 *		Logan	Utah	19,753
	Penn State College	Pennsylvania	250	112	UNIVERSITY OF TEXAS SYSTEM		17,935 *
	State College	Pennsylvania	74,011		Hudson	New Hampshire	203
	University Park	Pennsylvania	429		Arlington	Texas	6,648
51	BAITELLE MEMORIAL INSTITUTE		60,405 *		Austin	Texas	10,510
	Huntsville	Alabama	770		Dallas	Texas	65
	Waltham	Massachusetts	371		El Paso	Texas	105
	Columbus	Ohio	54,891		Odessa	Texas	44
	Waco	Texas	3,981		Richardson	Texas	360
	Richland	Washington	392	136	SOUTHWEST RESEARCH INSTITUTE		14,505 *
55	INSTITUTE FOR DEF ANALYSES		55,267 *		Schenectady	New York	280
	Alexandria	Virginia	55,267		San Antonio	Texas	14,225
63	CARNEGIE MELLON UNIVERSITY		46,358 *	143	MAXWELL LABORATORIES INC		13,498 *
	Pittsburgh	Pennsylvania	46,358		La Jolla	California	1,229
65	SRI INTERNATIONAL		44,797 *		San Diego	California	8,687
	Menlo Park	California	36,470		Albuquerque	New Mexico	2,879
	Los Angeles	California	790		Reston	Virginia	703
	Oxford	Massachusetts	53	148	UNIVERSITY OF CALIFORNIA		12,327 *
	Princeton	New Jersey	7,200		Berkeley	California	3,390
	Griffiss AFB	New York	79		Davis	California	243
	Ithaca	New York	75		Irvine	California	1,195
	Arlington	Virginia	130		La Jolla	California	2,039
66	I I T RESEARCH INSTITUTE		42,690 *		La Jolla Indian Rese	California	200
	Chicago	Illinois	42,412		Los Angeles	California	2,583
	Rome	New York	278		San Diego	California	945
68	UNIVERSITY OF PITTSBURGH TR		39,673 *		San Francisco	California	663
	Johnstown	Pennsylvania	38,242		Santa Barbara	California	965
	Pittsburgh	Pennsylvania	1,431		Santa Cruz	California	103
74	ANALYTIC SERVICES INC		33,673 *	157	WASHINGTON UNIVERSITY OF		11,343 *
	Arlington	Virginia	33,673		Seattle	Washington	11,343
75	LOGISTICS MANAGEMENT INST		33,323 *	160	NEW MEXICO STATE OF		9,982 *
	Washington	D.C.	160		Albuquerque	New Mexico	3,003
	Bethesda	Maryland	12,354		Kirtland AFB	New Mexico	610
	McLean	Virginia	20,810		Las Cruces	New Mexico	5,754
					White Sands MSL RGE	New Mexico	605
79	SOUTH CAROLINA RESEARCH AUTH		31,025 *	175	NATIONAL ACADEMY SCIENCES USA		8,589 *
	Charleston	South Carolina	29,295		San Diego	California	313
	North Charleston	South Carolina	1,730		Washington	D.C.	8,276
80	RAND CORPORATION		30,852 *	176	UNIVERSITY OF TEXAS AT AUSTIN		8,482 *
	Blanchard	California	897		Austin	Texas	8,482
	Santa Monica	California	5,955	183	ENVIRONMENTAL RES INST OF MICH		8,048 *
	Santa Monica Canyon	California	24,000		Los Angeles	California	175
					Washington	D.C.	137
					Ann Arbor	Michigan	7,736

\* = Minus Amount (Cancellations Exceed New Awards)

**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Educational and Nonprofit Institutions: FY 1994**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
184	SALK INST FOR BIOLOGICAL STUDIES Swiftwater Pennsylvania	7,892 *	334	ARIZONA BOARD OF REGENTS Tempe Arizona	3,198 *
		7,892		Tucson Arizona	1,498
191	MAYO FOUNDATION Rochester Minnesota	7,541 *		University Arizona	1,326
		7,541			375
196	UNIVERSITY OF CENTRAL FLORIDA Orlando Florida	7,332 *	335	CORNELL UNIVERSITY Ithaca New York	3,141 *
		7,332		Ithaca College New York	2,616
207	UNIVERSITY OF ILLINOIS Champaign Illinois	6,486 *			524
	Chicago Illinois	5,266	347	BOSTON UNIVERSITY TRUSTEES Boston Massachusetts	3,033 *
	Normal Illinois	265		Boston University Massachusetts	2,999
	University of Illinois	117			34
	Urbana Illinois	316	364	MICHIGAN BIOTECHNOLOGY INST Lansing Michigan	2,828 *
		522			2,828
210	AMERICAN INST BIOLOGICAL SCIENCE Washington D.C.	6,291 *	365	BOSTON COLLEGE, TRUSTEES OF Boston Massachusetts	2,823 *
		6,291		Chestnut Hill Massachusetts	1,410
212	UNIVERSITY OF MARYLAND SYSTEM Baltimore Maryland	6,213 *			1,413
	Cambridge Maryland	1,459	373	STEVENS INSTITUTE OF TECH Hoboken New Jersey	2,767 *
	College Heights Est Maryland	114			2,767
	College Park Maryland	1,053	374	RESEARCH TRIANGLE INSTITUTE Raleigh North Carolina	2,766 *
	College View Maryland	3,106		Research Triangle Pk North Carolina	25
	Queenstown Maryland	160			2,741
		320	380	UNIVERSITY OF FLORIDA Eglin AFB Florida	2,673 *
224	UNIVERSITY OF ALABAMA Huntsville Alabama	5,870 *		Fussells Corner Florida	185
	Tuscaloosa Alabama	5,806		Gainesville Florida	350
		64			2,138
229	OPEN SOFTWARE FOUNDATION INC Cambridge Massachusetts	5,722 *	387	UNIVERSITY RESEARCH FOUNDATION Washington D.C.	2,637 *
		5,722		College Park Maryland	2,118
261	UNIVERSITY OF MICHIGAN Ann Arbor Michigan	4,704 *			520
		4,704	398	HUMAN RESOURCES RES ORGANIZATION Alexandria Virginia	2,499 *
264	SYRACUSE RESEARCH CORP Syracuse New York	4,650 *			2,499
		4,650	402	NEW YORK UNIVERSITY New York New York	2,444 *
273	STANFORD LELAND JUNIOR UNIV Fremont California	4,367 *		Stony Brook New York	1,919
	Santa Clara California	392		Tuxedo New York	175
	Stanford California	50			350
	Stanford University California	3,724	406	OKLAHOMA STATE UNIVERSITY Eglin AFB Florida	2,406 *
		200		Stillwater Oklahoma	2,350
294	MCNC Lake Daniel North Carolina	3,814 *			56
	Research Triangle Pk North Carolina	289	411	RIVERSIDE RESEARCH INSTITUTE New York New York	2,348 *
	Triangle North Carolina	2,979			2,348
		547	414	SYRACUSE UNIVERSITY Syracuse New York	2,322 *
298	WOODS HOLE OCEANOGRAPHIC INST Woods Hole Massachusetts	3,774 *			2,322
	Naval USC Rhode Island	3,674	416	PRINCETON UNIVERSITY Princeton New Jersey	2,295 *
		100			2,295
302	MICHIGAN, STATE OF Lansing Michigan	3,725 *	423	NEW MEXICO INST OF MIN & TECH Socorro New Mexico	2,237 *
		3,725			2,237
315	SOUTHERN RESEARCH INSTITUTE Birmingham Alabama	3,560 *	447	GEORGE MASON UNIVERSITY Fairfax Virginia	2,072 *
		3,560			2,072
316	SOUTHEASTERN CNTR FG ELT Saint Cloud Florida	3,537 *	448	MICHIGAN TECHNOLOGICAL UNIV Houghton Michigan	2,063 *
	Brooks AFB Texas	3,032			2,063
	San Antonio Texas	205	458	SAN DIEGO STATE UNIV FOUNDATION San Diego California	1,990 *
		300			1,990
325	JACKSON HENRY M FOUNDATION Bethesda Maryland	3,307 *	467	NORTHWESTERN UNIVERSITY Evanston Illinois	1,922 *
		3,307		Northwestern University Illinois	1,622
329	MASSACHUSETTS UNIVERSITY OF Amherst Massachusetts	3,259 *			300
	Amherst Center Massachusetts	1,549			
	Boston Massachusetts	895			
	Worcester Massachusetts	138			
		677			

- = Minus Amount (Cancellations Exceed New Awards)



**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Educational and Nonprofit Institutions: FY 1994**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
474	KESTREL INSTITUTE	1,882 *			
	Costa Mesa California	60			
	Palo Alto California	1,722			
	Palo Cedro California	100			
475	GEORGIA INSTITUTE TECHNOLOGY	1,873 *			
	Atlanta Georgia	1,873			
477	UNIVERSITY OF VIRGINIA	1,863 *			
	Charlottesville Virginia	1,863			
487	UNIVERSITY OF COLORADO	1,809 *			
	Boulder Colorado	1,514			
	Denver Colorado	225			
	University Colorado	70			
488	WORCESTER POLYTECHNIC INST	1,799 *			
	Marlborough Massachusetts	80			
	Worcester Massachusetts	1,720			
	TOTAL	2,299,212			

- = Minus Amount (Cancellations Exceed New Awards)

**Table 4. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Foreign Contractors: FY 1994**

Rank	Name of Contractor	Location of Work	Thousands of Dollars	Rank	Name of Contractor	Location of Work	Thousands of Dollars
24	CAE INC		215,108 *	455	WALES LTD		2,005 *
	Luke AFB	Arizona	2,226			ISRAEL	2,006
	La Jolla	California	59				
	Binghanton	New York	212,823			TOTAL	534,863
36	GENERAL ELECTRIC CO PLC	THE	91,428 *				
	Ontario	California	1,311				
	San Diego	California	1,277				
	Marion	Massachusetts	2,292				
	Little Falls	New Jersey	33,467				
	Wayne	New Jersey	51,775				
	Highland Heights	Ohio	125-				
	Martinsville	Ohio	870				
	Mason	Ohio	208				
		UNITED KINGDOM	354				
39	ISRAEL AIRCRAFT INDUSTRIES LTD		86,933 *				
		ISRAEL	86,933				
94	RACAL ELECTRONICS PLC		22,452 *				
	Rockville	Maryland	22,452				
113	SMITHS INDUSTRIES PLC		17,662 *				
	Grand Rapids	Michigan	14,970				
	Florham Park	New Jersey	2,692				
124	DEUTSCHE BUNDESPOST TELECOM		15,540 *				
		GERMANY	15,540				
127	CANADIAN COMMERCIAL CORPORATI		15,183 *				
		CANADA	15,183				
151	SAINT GOBAIN (COMPAGNIE DE)		11,924 *				
	Northborough	Massachusetts	11,924				
169	FUGRO-MCCLELLAND NV		9,324 *				
	Huntsville	Alabama	9,100				
	Lafayette	Louisiana	224				
172	MATRA		8,991 *				
	Washington	D.C.	484				
	Germantown	Maryland	6,994				
	Greenbelt	Maryland	1,513				
174	JOHNSON MATTHEY PLC		8,700 *				
	Spokane	Washington	8,700				
195	OERLIKON-BUEHRLE HOLDING AG		7,461 *				
	Koppel	Pennsylvania	3,746				
	Pittsburgh	Pennsylvania	3,715				
211	MINISTRY OF DEFENSE		6,223 *				
		UNITED KINGDOM	6,223				
278	PORTON INTERNATIONAL PLC		4,260 *				
		UNITED KINGDOM	4,260				
282	DAIMLER-BENZ AG		4,148 *				
	Shalimar	Florida	3,016				
	Tampa	Florida	1,132				
335	MATRA MHS		3,193 *				
		FRANCE	3,193				
431	ROYAL NORWEGIAN COUNCIL SCI		2,175 *				
		NORWAY	2,175				
438	BELGACOM		2,153 *				
		BELGIUM	2,153				

- = Minus Amount (Cancellations Exceed New Awards)

**Table 5. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Government Agencies: FY 1994**

Rank	Name of Contractor Location of Work	Thousands of Dollars	Rank	Name of Contractor Location of Work	Thousands of Dollars
146	UNITED STATES DEPT COMMERCE	12,593 *			
	Boulder Colorado	1,028			
	Gaithersburg Maryland	10,114			
	George Island Landin Maryland	30			
	Rockville Maryland	60			
	Silver Spring Maryland	573			
	Ashdale Oregon	672			
	Seattle Washington	116			
468	UNITED STATES DEPT ENERGY	1,919 *			
	Berkeley California	160			
	Broadway California	50			
	Oakland California	408			
	Washington D.C.	29			
	Argonne Illinois	92			
	Albuquerque New Mexico	152			
	Upton (Brookhaven Na New York	75			
	Oak Ridge Tennessee	803			
	Richland Washington	150			
	TOTAL	14,511			

- = Minus Amount (Cancellations Exceed New Awards)